

# LEBANON VALLEY COLLEGE BULLETIN

ATALOG ISSUE · FEBRUARY 1955

 $1955 \setminus 1956$ 

ANNVILLE, PENNSYLVANIA

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BULLETIN

# **CATALOGUE**





1956

Register for 1954-1955

Announcement of Courses for 1955-1956

Volume XLIII

February, 1955

Number 2

# ANNVILLE, PENNSYLVANIA

James W. Parsons, Editor

Publication Committee: George G. Struble, Clark Carmean, Gladys M. Fencil, Theodore Keller, James Parsons (Executive Secretary), Thomas Lanese, Adora Rabiger. Published during the months of January, February, March, April, May, June. September, October, November and December by Lebanon Valley College. Annville. Pa. Entered as second class matter at the Post Office at Annville, Pa., under the Act of Congress of August 24, 1912.

# CALENDAR FOR 1955-1956

	1555	
January	February	March
S M T W T F S 	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
April	May	June
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July	August	September
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October	November	December
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January	February	March
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April	May	June
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# College Calendar

1954-1955

#### FIRST SEMESTER-1954

1954

Sept. 13MondayBoard of Trustees Retreat Sept. 14TuesdayFaculty Retreat Sept. 15-18Wednesday to SaturdayFreshman Orientation; Registration Sept. 20Monday, 8:00 a.mClasses begin Oct. 16SaturdayHomecoming Day; Meeting of Board of Trustees Oct. 30SaturdayParents' Day Nov. 12FridayMid-semester Reports due Nov.24, 1:00 p.m. to Nov. 29, 8:00 a.mThanksgiving Recess Dec. 8-15Wednesday to WednesdayRegistration for second semester Dec. 17, 5:00 p.m. to Jan. 3, 8:00 a.m Christmas Vacation	
Jan. 17-28 Monday to Friday Semester examinations Jan. 29 Saturday noon First semester ends	
SECOND SEMESTER—1955	
Jan. 31Monday, 8:00 a.mClasses begin  Feb. 28 to March 3-Monday to Thursday Religious Emphasis Week  Apr. 1, 5:00 p.m. to Apr. 12, 8:00 a.m Easter Recess  April 12MondayReligion and Life Lecture  Apr. 21-22Thursday and FridaySpring Music Festival  May 4-11Wednesday to Wednesday. Registration for 1955-1956  May 7SaturdayMay Day  May 23 to June 2-Monday to Thursday Semester examinations  June 3FridayMeeting of Board of Trustees  June 4SaturdayAlumni Day  June 5, 10:30 a.m. SundayBaccalaureate Service  June 6, 10:00 a.m. MondayEighty-sixth Annual Commencemer  June 13MondaySummer School Registration  June 14TuesdaySummer School Classes Begin	

# College Calendar

1955-1956

# FIRST SEMESTER-1955

	1	955
er	ot.	12MondayBoard of Trustees Retreat
		13TuesdayFaculty Retreat
er	ot.	14Wednesday to SaturdayFreshman Orientation; Registration
		19Monday, 8:00 a.mClasses begin
		22Saturday
		Trustees  Pel'aire and Life Leaves
		25TuesdayReligion and Life Lecture
O	v.	11FridayMidsemester grade reports due
		12SaturdayParents' Day
10	V.	23Wednesday, 1:00 p.m., to Monday, November 28, 8:00 a.m.
		Thanksgiving Recess
		7-14 Wednesday to Wednesday Registration for second semester
)e	c.	16Friday, 5:00 p.m., to Tuesday, 8:00 a.m., January 2
		Christmas vacation
	1	
		956
		16-27Monday to FridaySemester Examinations
an	1.	28Saturday noonFirst semester ends
		SECOND SEMESTER—1956
	1:	956
2 22		30Monday, 8:00 a.mClasses begin
		1 5-8Monday to ThursdayReligious Emphasis Week
		1 23Friday, 5:00 p.m., to Tuesday, April 3 at 8:00 a.m.
ıa	ICI	Easter Recess
	m <b>:</b> 1	
		17TuesdayReligion and Life Lecture
		5SaturdayMay Day
		2-9Wednesday to Wednesday Pre-registration for 1956-1957
		19-20Thursday and FridaySpring Music Festival
la	y 2	21-31 Monday to Thursday Semester Examinations
		1Friday
		2SaturdayAlumni Day
		3SundayBaccalaureate Service
ar	ie	4MondayEighty-seventh Annual Commence-
		ment

# The Corporation

# **BOARD OF TRUSTEES**

Representatives from the East Pennsylvania (U. B.) Conference		
REV. O. T. EHRHART, A.B., D.D		
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Members of the college faculty who are heads of departments are ex-officio members of the Board of Trustees.

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# Officers of Administration

Frederic K. Miller, A.B., A.M., Ph.D., Litt.D President
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HOWARD M. KREITZER, B.S., M.A., D. Ed Dean of the College
ALVIN H. M. STONECIPHER, B.A., M.A., Ph.D Advisory Dear
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*Constance P. Dent, B.A., M.A Dean of Women
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HELEN ETHEL MYERS, A.B
MARY E. GILLESPIE, B.S., M.A., Mus. D Director of the Conservatory
W. MAYNARD SPARKS, B.D., Ed.M., D.D College Chaplain
JAMES W. PARSONS, A.B Director of Public Relation
CARL Y. EHRHART, A.B., B.D., Ph.D Director of Auxiliary School
Mrs. P. Rodney Kreider, A.B
ELLIS R. McCracken, A.B., M.Ed Director of Placemen
GEORGE G. STRUBLE, Ph.D Secretary of the Faculty
DONALD E. FIELDS, Ph.D., A.B. in L.S
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O. Pass Bollinger, B.S., M.S
HENRY DIJOHNSON, B.S Assistant Football Coach
Mrs. Margaret Millard Dietitian
J. R. Monteith, M.C. College Physician HAZEL J. KINDT, R.N. College Nurse
ALICE BOMBERGER, R.N
JOHN S. RITTLE Bookkeepe
Mrs. Lillie Struble, B.S
MRS. JANET M. BRANDT Secretary, Admissions Office
Mrs. Rose M. Gilmore Secretary, Dean of Men and Dean of Women
Mrs. Rose M. Gilmore Secretary, Dean of Men and Dean of Women
Mrs. Joan Heagy Secretary, Conservatory of Music Mrs. Helen M. Keith Secretary, Business Office
Mrs. Thelma Marks Secretary, Business Office Mrs. Thelma Marks Secretary to Dean of College
MRS. THELMA MARKS Secretary to Dean of Contegu
Mrs. Dorothy Ovecka
SUZANNE PEIFFER Secretary, Public Relations Office
PHYLLIS SCHELL Secretary, Registrar's Office
MRS. FLOYD SPANGLER Secretary, Alumni Office
MRS. MARGARET D. STOUDT Clerk, Business Office
Mrs. Rita Baker Switchboard Operator; Clerk
* On leave of absence
DORMITORY PROCTORS
Men's Dormitory Theodore D. Keller
41 East Sheridan Avenue Alexander Crawford
North Hall Gertrude L. Turner
South Hall Mrs. O. R. Brook
West Hall Mary E. Gillespii
Sheridan Hall

# College Faculty

#### Frederic K. Miller

A.B., Lebanon Valley College; A.M., Ph.D., University of Pennsylvania; Litt.D., Muhlenburg College President

#### SAMUEL OLIVER GRIMM

B.P.D., Millersville State Normal School; A.B., A.M., Sc.D., Lebanon Valley College
Chairman, Department of Physics
Professor of Physics

#### HELEN ETHEL MYERS

A.B., Lebanon Valley College Library Science, Drexel Institute of Technology Librarian with rank of Professor

#### G. A. RICHIE

A.B., D.D., Lebanon Valley College; B.D., Bonchrake Theological Seminary; A.M., University of Pennsylvania

Chairman, Department of Religion and New Testament Greek Professor of Religion and New Testament Greek

#### V. EARL LIGHT

A.B., M.S., Lebanon Valley College; Ph.D., Johns Hopkins University Chairman, Department of Biological Science Professor of Biological Science

#### GEORGE G. STRUBLE

B.S. in Ed., M.S. in Ed., University of Kansas; Ph.D., University of Wisconsin Director, Division of Humanities; Chairman, Department of English Professor of English, Secretary of the Faculty

#### ALVIN H. M. STONECIPHER

B.A., M.A., Ph.D., Vanderbilt University Chairman, Department of Foreign Languages Professor of German

#### MAUD P. LAUGHLIN

B.S., M.A., Columbia University
Director, Division of Social Studies:
Chairman, Department of History and Political Science
Professor of History

#### WILLIAM H. EGLI

B.A., Pennsylvania State College; LL.B., University of Pennsylvania Assistant Professor of Economics and Business Administration

#### CARL Y. EHRHART

A.B., Lebanon Valley College; B.D., Bonebrake Theological Seminary; Ph.D., Yale University

Chairman, Department of Philosophy Professor of Philosophy

#### LUELLA UMBERGER FRANK

A.B., Lebanon Valley College; A.M., Columbia University
Assistant Professor of French and Spanish

#### RALPH S. SHAY

A.B., Lebanon Valley College; M.A., University of Pennsylvania
Assistant Professor of History

#### HOWARD A. NEIDIG

B.S., Lebanon Valley College; M.S., Ph.D., University of Delaware Chairman, Department of Chemistry Associate Professor of Chemistry

#### THEODORE D. KELLER

A.B., Lebanon Valley College; A.M., Columbia University
Assistant Professor of English; Dean of Men

#### GILBERT D. MCKLVEEN

A.B., Juniata College; M.Ed., D.Ed., University of Pittsburgh
Chairman, Department of Education
Professor of Education

#### O. P. BOLLINGER

B.S., Lebanon Valley College; M.S., Pennsylvania State College
Assistant Professor of Biology
Director of Athletics

#### W. MAYNARD SPARKS

A.B., D.D., Lebanon Valley College; B.D., Bonebrake Theological Seminary; ED.M., University of Pittsburgh

Assistant Professor of Religion, College Chaplain

#### DONALD E. FIELDS

A.B., Lebanon Valley College; M.A., Princeton; Ph.D., University of Chicago; A.B. in L.S., University of Michigan

Associate Librarian with rank of Associate Professor

#### FRANCES T. FIELDS

A.B., Lebanon Valley College; A.B. in L.S., University of Michigan Instructor in Spanish, Cataloguing Librarian

#### CONSTANCE P. DENT

B.A., Bucknell University; M.A., Temple University
Assistant Professor of Psychology, Dean of Women
(on leave of absence, 1954-1955)

## ALEX J. FEHR

A.B., Lebanon Valley College Instructor in Political Science

#### ROBERT C. RILEY

B.S., State Teachers College, Shippensburg; M.S., Columbia University Chairman, Department of Economics and Business Administration Associate Professor of Economics and Business Administration

#### HANS SCHNEIDER

B.S., Pennsylvania State College Instructor in Chemistry

#### ALEXANDER R. AMELL

B.S., University of Massachusetts; Ph.D., University of Wisconsin
Assistant Professor of Chemistry

#### BETTY JANE BOWMAN

B.S., State Teachers College, West Chester; M.A., Columbia University

Assistant Professor of Physical Education and Director of Athletics
for Women

#### ALICE M. BRUMBAUGH

B.S. in Ed., State Teachers College, Shippensburg; M.A., University of Maryland
Chairman, Department of Sociology
Assistant Professor of Sociology

#### GEORGE R. MARQUETTE

A.B., Lebanon Valley College; M.A., Teachers College, Columbia University

Assistant Professor of Physical Education; Director of Physical Education
for Men; Head Coach of Basketball and Baseball

#### ROBERT O. GILMORE

A.B., Brown University; M.A., Yale University Assistant Professor of Mathematics

#### WILLIAM A. BATCHELOR

B.S., Edinboro State Teachers College; M.A., Pennsylvania State College Instructor in Art

#### BARNARD H. BISSINGER

A.B., Franklin and Marshall College; M.A., Syracuse University; Ph.D., Cornell University

Chairman, Department of Mathematics Associate Professor of Mathematics

#### CLOYD H. EBERSOLE

A.B., Juniata College; M.Ed., D.Ed., Pennsylvania State College Assistant Professor of Elementary Education

#### FRANCIS W. WILSON

B.S., M.S., Ph.D., Cornell University Professor of Biology

#### Ellis R. McCracken

A.B., Gettysburg College; M.En., University of Pittsburgh Assistant Professor of Education and Head Football Coach

#### Anna B. Dunkle

A.B., Lebanon Valley College; M.A., Ph.D., University of Wisconsin
Assistant Professor of English

#### MARY VIRGINIA BOWMAN

A.B., Mount Holyoke College; M.A., University of Virginia Assistant Professor of English

#### JEAN O. LOVE

A.B., Erskine College; М.А., Winthrop College; Рн.D., University of N. Carolina Acting Chairman, Department of Psychology Assistant Professor of Psychology

#### ELIZABETH L. TAYLOR

A.B., Skidmore College; M.A., Columbia University
Assistant Professor of Psychology; Acting Dean of Women

#### C. F. JOSEPH TOM

B.A., Hastings College; M.A., University of Chicago Assistant Professor of Economics and Business Administration

#### GERTRUDE L. TURNER

A.B., M.A., Bucknell University Instructor in Remedial English

REV. WILLIAM A. WILT, D.D. College Pastor

#### COOPERATING TRAINING TEACHERS

#### First Semester 1954-55

SAMUEL ANGLE, Lebanon Sr. HighSocial Studies
DAVID CHESTNUT, Hershey-Derry Twp. H. SFrench
JAMES MARTIN, Annville High School
JOAN NICHOLS, Lebanon Sr. High SchoolEnglish
ALBERT SINCAVAGE, Lebanon Sr. High SchoolSocial Studies
MARIAN STARR, Annville High School
ELEANOR WITMYER, Annville High SchoolSocial Studies
DOROTHY YEAGER, Harding Jr. High SchoolEnglish

# Conservatory Faculty

#### MARY E. GILLESPIE, B.S., M.A., MUS.D.

Director of the Conservatory of Music

Valparaiso University, 1912-1913; Oberlin Conservatory, 1915-1916; B.S., Teachers College, Columbia University, 1926; M.A., Teachers College, Columbia University, 1926; M.A., Teachers College, Columbia University, 1934; Mus.D., Lebanon Valley College, 1954; Dalcroze School of Music, New York City, 1942; Public School Music Supervisor at Scottsburg, Indiana, and Braddock, Penna.; Director of Music at Women's College, University of Delaware, 1925-1930; Dean of Women, 1937-1948; Lebanon Valley College Conservatory of Music, 1930—; Professor of Music Education and Director of the Conservatory of Music.

RUTH ENGLE BENDER, A.B. ..... Theory, Piano and Piano Pedagogy

A.B., Lebanon Valley College, 1915; Oberlin Conservatory, 1915-1916; Graduate of New England Conservatory of Music, 1918; Student of Lee Pattison, 1916-1918; Teacher of Piano, Lebanon Valley College, 1919-1921; Student of Ernest Hutcheson and Frank La Forge, New York City, 1921, 1924; Student of Sascha Gorodnitzki, New York City, 1942; Theory, Columbia University, Summer 1952; Piano Workshop, Hans Barth, NYC, 1952; Piano Workshop, Francis Clark, NYC, 1953; Director of Lebanon Valley College Conservatory of Music, 1924-1930; Lebanon Valley College Conservatory of Music, 1930—; Professor of Tbeory, Piano and Piano Pedagogy.

R. Porter Campbell, Mus.B. ..... Organ

Diploma in Pianoforte, Lebanon Valley College Conservatory, 1915; Diploma in Organ and Bachelor of Music degree, ibid., 1916; Teacher of Pianoforte, History and Theory, 1915-1917; U. S. Service, 1917-1919; Pianoforte and Pedagogy under Aloys Kramer and Arthur Freidheim, Summer Session, New York, 1921; Master Course in Organ Playing with Pietro A. Yon, New York, Summer of 1923 and Season of 1924; with Pietro A. Yon in Italy, Summer of 1924; Organ Study with Alexander McCurdy, 1935-1937; Organist and Choirmaster, St. Luke's Episcopal Church, Lebanon, Pa., 1924–1952; Lebanon Valley College Conservatory of Music, 1920—; Associate Professor of Organ.

HAROLD MALSH ..... Violin

Graduate of the Institute of Musical Art, New York City (Dr. Frank Damrosch, Director); Private study with Louis Bostelmann, New York City; Ottakar Cadek, New York City; David Nowinsky, Philadelphia; Ben Stad, Philadelphia; Teacher in the Music and Art Institute, Mt. Vernon, N. Y.; Assistant Concert Meister Harrisburg Symphony Orchestra, Member of the Altoona Symphony Orchestra; Lebanon Valley College Conservatory of Music, 1924—; Associate Professor of Violin.

Student of Evan Stephens, H. Sutton Goddard, and Wm. Shakespeare, London, England; Private Studio, Denver, Colorado, 1916-1923; Summer 1919, Deems Taylor; Private Studio, Carnegie Hall, N. Y. C., 1924-1927; Vocal Pedagogy with Douglas Stanley, New York City, 1935-1939; Member of the National Association of Teachers of Singing; Lebanon Valley College Conservatory of Music, 1927—; Associate Professor of Voice.

D. CLARK CARMEAN, A.B., M.A.

Music Education and String Instruments
A.B., Obio Wesleyan University, 1926; M.A., Teachers College, Columbia

University, 1932; Supervisor of Instrumental Music, Erie County, 1927-1929; Teacher of Music, Cleveland City Public Schools, 1929-1931; Teacher of Instrumental Music, Public Schools, Neodesha, Kansas, 1931-1933; Director of Admissions, Lebanon Valley College, 1949—; Lebanon Valley College Conservatory of Music, 1933—; Professor of Music Education and String Instruments.

- Frank E. Stachow, B.S., M.A. . Theory and Woodwind Instruments Diploma in Clarinet, Institute of Musical Art, Juilliard School of Music, New York, 1941; B.S. in Music and Music Education, Teachers College, Columbia University, 1943; M.A., 1946; Eastman School of Music, summer of 1949; University of Michigan, summers of 1950, 1951, 1952, 1954; Study, bassoon with Simon Kovar, Hugh Cooper and Ferdinand Del Negro; clarinet with Arthur Christmann and William Stubbins, oboe with Richard Swingley, John Minsker and Lare Wardrop, flute with Nelson Hauenstein; saxophone with Merle Johnston, Frank Chase, Larry Teal and Sigurd Rascher; Authorized teacher of Schillinger System, studied with Clarence Cox and Ted Royal Dewar, 1947; Private Woodwind Studio in Binghamton, N. Y., and New York City for ten years; Director of Instrumental Music, Fordham Preparatory School, Fordham University, New York City, 1937–1943; Director of Instrumental Music, Haverstraw, N. Y., 1942–1943; U.S. Armed Service, 1943–1946; bassoonist with Harrisburg Symphony Orchestra; Lebanon Valley College Conservatory of Music, 1946—; Associate Professor of Theory and Woodwinds.
- ROBERT W. SMITH, B.S., M.A. . . Music Education, History of Music B.S., Lebanon Valley College, 1939; University of Pennsylvania, summer 1940; U. S. Armed Forces, 1941-1945; U. S. Army Music School, Fort Myer, Virginia, summer, 1942; M.A., Teachers College, Columbia University, 1950; Organ study with Seth Bingham, New York, Summer, 1950; Supervisor of Instrumental Music, Public Schools, Millersburg, Pa., 1939-1941 and 1945-1947; Chief Warrant Officer, Band Director, 83rd and 99th Infantry Division Bands, 1942-1945 (European Theater of Operations);

Teacher of vocal and instrumental music, Derry Township Consolidated Schools, Hershey, Pa., 1947-1951; Organist and Choir Director: First Church of God, Harrisburg, Pa., 1936-1941 and 1945-1947; First Evangelical United Brethren Church, Penbrook, Pa., 1948; First Evangelical United Brethren Church, Hershey, Pa., 1948—; Student Teacher Supervisor (Junior High School) for Lebanon Valley College, 1949-1951; Lebanon Valley College Conservatory of Music, 1951—; Assistant Professor of Music Education.

#### JAMES M. THURMOND, A.B., M.A., MUS.D.

Music Education, Band, Glee Club, Brass Instruments

Diploma in French Horn, Curtis Institute of Music, Philadelphia, 1927–31; student of Anton Horner in horn, Marcel Tabuteau and Louis Bailly, ensemble; private study in conducting with Nadia Boulanger; A.B., American University, 1951; M.A., Catholic University of America, 1952; Mus.D., Washington College of Music, D. C., 1944; first horn, Curtis Symphony under Artur Rodzinski and Emil Mlynarski; hornist, Fox Theater and Robin Hood Dell Orchestra under Stokowski, Reiner, Beacham, Coates, and Smallens, 1929–32; hornist, Philadelphia Orchestra under Stokowski, Reiner, Molinari, Ormandy, 1931–32; first horn, U.S. Navy Band, Wash., D. C., 1932–37; organized and directed the U.S. Naval School of Music, 1935–41; Officer-in-Charge, 1942–49; in charge of all fleet Naval bands and music, 1944–49; private brass studio, Wash., D. C.; teacher of vocal and instrumental music, Montgomery Co. (Md.) public schools, 1950–54; member, American Bandmasters Assoc., 1944; Lebanon Valley College Conservatory of Music, 1954—; Assistant Professor of Music Education, Brass Instruments, Band and Glee Club.

# 

Mus.B., Oherlin Conservatory of Music, 1951—; piano with Frank Shaw and Emil Danenberg, ensemble with John Frazer; Graduate Assistant in Piano and Accompanying at Ohio University, 1951-53; Master of Fine Arts, Ohio University, 1953; free-lance teaching and concertizing; Instructor in Piano, Oberlin Conservatory of Music, 1953-54; faculty recital and participant in Contemporary Music Festival at Oberlin, 1954; Lebanon Valley College Conservatory of Music, 1954—; Instructor in Piano.

## THOMAS LANESE, B.Mus., M.Mus. . . . . . . String Instruments, Theory, Conducting

Baldwin-Wallace College, 1934–38; B. Mus., Instrumental Musical Art, New York City; diploma violin, 1939–40, Juilliard Graduate School, Fellowship Award, 1940–42; studied viola with Hans Letz, Felix Salmond, conducting with Albert Stoessel, violin and viola pedagogy with Dr. D. C. Dounis, N. Y.C.; M.Mus., Manhattan School of Music, N. Y.C., 1952; studied conducting with Jonel Perlea, viola with Julius Shaier; private study conducting, chamber music with Pierre Monteux, 1950-54; first viola in "This is the Army" orchestra touring world for U.S. Army; appearances in chamber music concerts, London. Rome, Cairo, Bombay, 1942–46; member of Pittsburgh Symphony under Fritz Reiner, 1946; member, Kanasa City Philharmonic Orchestra under Efrem Kurtz, 1947; Assistant Conductor, Fort Wayne (Ind.) Philharmonic Orchestra; Supervisor, String Instruments in public schools, Fort Wayne, Ind., 1948–50; private teaching, chamber music concerts, solo appearances in and about N. Y.C. and Rockland County, N. Y.; radio performance and free-lance teaching in New York; member of Monteux string quartet at Monteux Summer Music School, Hancock, Me., 1950-54; Lebanon Valley College Conservatory of Music, 1954—; Assistant Professor of String Instruments, Theory, and Conducting.

#### STUDENT TEACHING—MUSIC EDUCATION

Student teaching in Music Education is done in the Derry Town-

ship Consolidated Schools and the Annville-Cleona Joint Public Schools. The following cooperate in the program:

L. Eugene Jacques, M.A., Ph.D., Superintendent of Derry Twp. Consolidated Schools, Hershey, Pa.

Paul Campbell, B.S., M.A., Supervisor of Music, Hershey, Pa.

Paul G. Fisher, B.S., Supervisor of Music, Hershey, Pa.

Merle L. Keim, B.S., M.A., Supervising Principal, Annville-Cleona Joint Schools.

William K. Lemon, III, B.S., Supervisor of Music, Annville, Pa.

# Faculty and Administrative Committees

#### 1955-1956

#### ELECTED

Administrative Advisory Committee—Stonecipher, Bissinger, Neidig Committee on Committees—Neidig, Gillespie, Struble

#### APPOINTED

Academic Progress—Kreitzer, Carmean, Keller, Taylor and the Head of the Department of the student concerned

Admissions—Carmean, Gillespie, Kreitzer, Neidig

Athletics—Bollinger, Bissinger, Ebersole, Moyer, Richie, Shay, Thurmond, (Bowman—advisory member)

Commencement—Shay, Frank, Moyer, Riley, Thurmond, Schneider, Struble, President of Senior Class, President of Junior Class

Dramatics—Dunkle, Mrs. Bowman, Fields, Keller, McKlveen, Struble, President of Wig and Buckle Club

Educational Policy—Kreitzer, Carmean, Ehrhart, Riley

Sub-Committee—Auxiliary Schools: Ehrhart, Kreitzer, Riley

Educational Television-Amell, Fairlamb, McKlveen, Parsons

Flower and Gift-Myers, Bender, F. Fields

Freshman Week—Keller and Taylor. Co-Chairman: Ebersole, Fencil, Love, Marquette, Myers, R. Smith, Sparks

Honorary Degrees-Richie, Grimm, Sparks, Stonecipher

Library-Myers, Amell, Ehrhart, D. Fields, Laughlin, Stachow

May Day—B. Bowman, Amell. Bissinger, Dunkle, Marquette, Moyer, Riley, R. Smith, Thurmond, student

Phi Alpha Epsilon-Stonecipher, Bissinger, Gilmore, Taylor

Program-Fehr, F. Fields, R. Smith, Wilson

Publications—Struble, Carmean, Fencil, Keller, Parsons (Executive Secretary), Lanese, Rabiger

Religious Activities—Sparks, Ebersole, Ehrhart, Fencil, Myers, Neidig. Richie, Stonecipher, Wilt, student

Scholarship-Carmean, Bollinger, Moyer, Taylor

Social-McKlveen, Bowman, Brumbaugh, Ebersole, Lanese, Wilson

Student Conduct—Stonecipher, Brumbaugh, Keller, Marquette, Taylor Student Organizations—

Constitutions—Fehr, Gilmore, Keller, Laughlin, Taylor

Student Personnel Services—Neidig, Gillespie, Keller, Love, Marquette.

Moyer, Sparks, Taylor

Sub-Committee—Student Faculty Council—Sparks, Keller, Taylor Sub-Committee—Student Finance—Moyer, Love, Keller

Who's Who—Kreitzer, Taylor, Gillespie, Keller, Struble

Student Housing-Keller, Carmean, McCracken, Moyer, Taylor

Parents' Day-Kreider, Carmean, Gillespie, Parsons, Sparks, Taylor

The President and the Dean of the College are members ex officio of all committees.

#### Advisers\*

Freshmen AcademicFehr, Keller, Shay, Schneider
Arts-Engineering Gilmore
Arts-Forestry
Industrial Chemistry Neidig
Economics and Business Administration
Elementary EducationEbersole
Health and Physical Education for WomenBowman
Mathematics Bissinger
Music Education Gillespie
Nursing and Medical Technician
Pre-Dental Amell
Pre-LegalLaughlin
Pre-MedicalAmell
Pre-Theological
Pre-VeterinaryAmell

<sup>\*</sup> Department chairmen are advisers for majors within their respective departments.

#### Societies:

Philokosmian-Ehrhart

Kalozetean-Shay

Clionian-Bender

Delphian-F. Fields

Veterans-Keller

Knights of the Valley-Marquette

"L" Club-Bollinger

New Jersey Club-Gilmore

#### Student Government:

Association of Men Dormitory Students—Keller, Bollinger, Marquette Association of Men Day Students—Keller, Fehr, R. Smith

Resident Women's Student Government Association—Taylor, Bowman, Brumbaugh

Association of Women Day Students-Taylor, Mrs. Bender, F. Fields

#### Classes (Social):

Freshman-McKlveen

Sophomore—Sparks

Junior-Amell

Senior-R. Smith

# DEPARTMENTAL ASSISTANTS-1954-1955

Athletics (Women's)Georgian		
Athletics (Women's)Sandr	a Weit	
Athletics (Women's) Joanne H	ostetter	
Biology	n Zilka	
Biology Elain	e Buck	
Biology Edward Bal		
BiologyBeverl	v Ross	
Biology		
Chemistry	n Artz	
Chemistry		
Chemistry Henry Ho		
Chemistry		
Chemistry	nherger	
Chemistry	Toptor	
Chemistry Norman W		
Chemistry	Weiler	
Economics and Business Administration		
Economics and Business Administration		
English	. Kisser	
English		
English		
English		
History		
LibraryFay Ann		
Library		
LibrarySylvis		
Library		
LibraryBever		
Library		
Library		
LibraryArdith		
LibraryJoyc		
LibraryEllen		
Mathematics	. Ayers	
Music	re Fish	
MusicJohn Go		
MusicLouise		
Music		
Political ScienceNorman		
Physical Education (Men)George		
Psychology Dorothy Rou	idabush	
Sociology	Young	
PRESIDENTS		
Rev. Thomas Rees Vickroy, Ph.D		
Lucion II Hammand A.M.	71 1070	
Lucian H. Hammond, A.M	71-18/0	
Rev. D. D. DeLong, A.M	70-1887	
Rev. E. S. Lorenz, A.M., B.D.	87-1889	
Rev. Cyrus J. Kephart, A.M	93-1930	

E. Benjamin Bierman, A.M., Ph.D.	1890-1897
Rev. Hervin U. Roop, A.M., Ph.D., LL.D.	1897-1906
Rev. Abram Paul Funkhouser, B.S	1906-1907
Rev. Lawrence Keister, S.T.B., D.D	1907-1912
Rev. George Daniel Gossard, B.D., D.D., LL.D	1912-1932
Rev. Clyde Alvin Lynch, A.M., B.D., D.D., Ph.D., LL.D	1932-1950
Frederic K. Miller, A.M., Ph.D., Litt.D Acting President	1950-1951
President	1951_

# Lebanon Valley College

#### HISTORY

HE quiet growth of Lebanon Valley College, now in its eightyeighth year, has behind it an instructive and stimulating history. It is the history, not of a few brilliant men, but of a
people and an ideal. The people were the members of the eastern
conferences of the Church of the United Brethren in Christ; the
ideal, that of a co-educational institution of learning in which the
highest scholarship should be fostered in a Christian atmosphere,
and in which religion should subsist without sectarianism. To give
form to that ideal, Lebanon Valley College was founded at Annville,
Pa., in 1866.

To an outside observer, the history of the College from its opening by President Thomas Rees Vickroy on May 7, 1866, in a building donated by the old Annville Academy and with a student body of forty-nine, might seem to consist merely in increases in the number of students, corresponding increases in the faculty, the purchase of new grounds, and the erection of new buildings. But the inner history was marked by a long and bitter struggle against what often seemed insuperable obstacles, a struggle carried on by heroic men and women on the faculty, among the students, and in the conferences.

There was, to begin with, the old controversy over the wisdom of providing higher education for the Church's young people. In the first year of the College's life a fierce attack upon the educational policy of which it was the fruit came near to putting an end to it at once. But the conference stood loyally by the institution it had created and fought the matter through, though it meant in the end the dropping of valued members from the Church.

Some twenty years later another crisis developed over the question of relocating the College. The debate, which lasted for some years, so seriously divided the friends of the College that in the uncertainty all progress came to a stop. In the emergency Dr. E. Benjamin Bierman was called to the presidency, which he assumed in 1890. On the wave of enthusiasm which he was able to set in motion, the policy of permanency and enlargement was accepted. Buildings were renovated, the student body increased, and when that year the College received the Mary A. Dodge Scholarship Fund of ten thousand dollars—by far the largest single amount that had ever come to the institution—Lebanon Valley College was enabled to close its first quarter century with a complete renewal of the confidence in which it had been founded.

In 1897, under the presidency of Dr. Roop and with the assistance of old friends and new patrons, the College entered on a fresh period of expansion which saw the erection of the greater part of the present plant. Engle Music Hall, the Carnegie Library, and North Hall were first built. The destruction by fire of the old Administration Building tested the loyalty of college supporters but did not interfere with the program of expansion. The friends of the College rallied to build a new and larger Administration Building, a residence for the men, and a heating plant. Dr. Roop also provided proper quarters and modern equipment for the science departments. His vision and initiative laid the foundation for the success that has since come to the College.

The inauguration of President George Daniel Gossard marks the beginning of the greatest era of prosperity. During his term of office the student body trebled in numbers, the faculty increased not only in numbers but also in attainments, and the elimination of all phases of secondary education raised the institution to true college status. During this same period two great endowment campaigns were completed.

Dr. Gossard was succeeded by President Lynch, who built soundly upon the foundations previously laid. Under his administration the bonds of affection between the College and the Church were strengthened, the active support of the alumni was vastly stimulated, academic standards were raised, the services of the College were extended over a wider area, and, as a visible symbol of his energetic administration, a half-million-dollar gymnasium was added to our physical plant.

After Dr. Lynch's death in 1950 the Trustees saw fit to elevate to the presidency one of the younger members of the faculty, Dr. Frederic K. Miller. This decision was greeted with the warmest enthusiasm by both faculty and constituents. Under his leadership courses in general education, projected by Dr. Lynch, have been established, the administrative staff reorganized, and relationships with the local community and alumni strengthened.

As Lebanon Valley College moves forward, she looks back with a feeling of reverence over her past. She sees there the small but proud history of a democratic institution, established by a pious people in the faith that "The truth shall make you free," and carried through dark days by the unswerving devotion and self-sacrifice of a faculty and a constituency poor in the world's goods but rich in faith in the ideals for which the College was founded. Lebanon Valley College is proud of its beginnings; and now, with established policies and a vigorous administration, now strengthened as it is in its economic sinews and assured of still stronger institutional support

through the merger, in 1946, of the Church of the United Brethren in Christ and the Evangelical Church, it looks forward in the spirit of its founders to taking rank among the leading educational institutions of the state.

#### A STATEMENT OF AIMS

The motto of Lebanon Valley College, Libertas Per Veritatem, reveals the educational policy of its founders, which remains essentially unchanged. This commits the institution to the purposes of Christian liberal education. That is, it seeks to unite, first of all. Christian ideals and cultural ideals, to develop Christian character familiar with the great books and "the chief rival attitudes towards life" of all times, familiar with the values that underlie all human relationships; persons able to think for themselves on the problems around them. The college aims to assist students in formulating for themselves a satisfying philosophy of life and in linking themselves with the spiritual forces necessary to their personal development and service to humanity.

In harmony with the Christian way of life, student organizations provide centers of religious influence. The faculty and students cooperate in fostering Christian ideals of conduct. The entire college meets weekly in an hour's service of devotion. All students are encouraged to be faithful to the church of their choice. Non-sectarian courses in religion and philosophy stress the importance of the spiritual approach to human problems. The services of several able religious counselors are available to our students at all times.

The college is in harmony with the American way of life. It is our purpose to help our students become well informed, intelligent and responsible citizens who will be socially serviceable in their communities and whose political-mindedness and activities will transcend a narrow partisanship and nationalism by assisting our American Republic to become a vital member of the world community. Appropriate courses prepare students for citizenship in our democracy; various student activities provide training in cooperation and leadership; and the responsibilities of campus government are shared by faculty and students alike.

The college provides opportunities for certain types of professional education. Students are prepared here for careers in business, teaching, and music, into which fields they may enter immediately on graduation. Fully accredited pre-professional courses are offered in the ministry, medicine, and law. Such courses, however, are not pursued in isolation, but are taken in connection with studies in the liberal arts.

#### ACADEMIC STANDING

Lebanon Valley College is fully accredited by the Department of Public Instruction of Pennsylvania and by the Middle States Association of Colleges and Secondary Schools. It is a member of the Association of American Colleges and of the American Council on Education, and is on the approved list of the Regents of the University of the State of New York and the American Association of University Women.

Lebanon Valley College is a member of the National Association of Schools of Music. The Conservatory of Music is fully accredited by the Department of Public Instruction of Pennsylvania, and the National Association of Schools of Music.

#### LOCATION

The College is situated in Annville, twenty-one miles east of Harrisburg, in the heart of the beautiful Lebanon Valley, midway between two ranges of the Allegheny system, the Blue Mountains and the South Mountains. It is on the Benjamin Franklin Highway and the Philadelphia-Reading Railroad, and is easily reached by train or bus from Harrisburg, Philadelphia, Baltimore, Washington, D. C., and New York.

# BUILDINGS AND EQUIPMENT

The campus, of 35 acres, is situated on high ground in the centre of Annville. Around it are grouped seventeen college buildings, including the Administration Building, the Carnegie Library, the Engle Conservatory of Music, Washington Hall, the Men's Dormitory, and five dormitories for women: North Hall, South Hall, West Hall, Sheridan Hall and Vickroy Hall and the Lynch Memorial Physical Education Building.

The Administration Building contains, in addition to the administrative offices: college lecture rooms, science laboratories, biology and chemistry museums.

Accommodations for study are provided on the lower floor of the library. These rooms are under the supervision of a librarian.

Extramural and intramural sports are encouraged, the College providing equipment where needed. The following special provisions have been made for sports: two athletic fields, one of five and the other of sixteen acres, a modern physical education building, a field for girls' hockey, together with full equipment.

A well-equipped and comfortable Infirmary has been provided, with two registered nurses in residence.

#### THE COLLEGE LIBRARY

The library contains a good collection of the foundation books needed by the various college departments. It is excellently equipped with works of general reference, such as encyclopedias, dictionaries, atlases, indexes, and year books. The periodicals room is provided with a large and growing list of technical journals and magazines of general interest.

Incoming students are instructed in the use of catalogues and reference books, and in the best methods of working in the library. Books, unless specially reserved for reference work, may be taken out by students. Inter-library loan courtesies enable the librarian to provide student or faculty member with books not found on the college shelves.

The library is open during these hours:

Monday to Friday....8 A.M. to 5 P.M.; 7 P.M. to 9:30 P.M. Saturday...... 9 A.M. to 12 NOON; 1 P.M. to 3 P.M.

The Hiram Herr Shenk Collection, which includes the well known Heilman Library, provides material for the study of the history of printing, the history of religious denominations, the history and customs of the Pennsylvania Germans, and other items of local interest. It is especialy rich in early Pennsylvania imprints, including many of the rare Saur Bibles and a large collection of Ephrata imprints. There are also sixteenth, seventeenth, and eighteenth-century foreign imprints.

The C. B. Montgomery Memorial includes many transcripts and manuscripts dealing principally with the history of the iron industry in this region, early Pennsylvania German settlement, and the Indians of Colonial Pennsylvania. This collection also contains some fine old French prints and the famous American edition of the Boydell Shakespeare prints.

These collections are housed in special rooms. They are open for reference use under staff supervision.

# Student Activities

# **OBJECTIVES**

Lebanon Valley College is fully aware of the educational values to be found in extra-curricular activities. Because of this appreciation thirty-two organizations have been established to carry on a well-rounded program.

Through these varied activities the students on the campus learn to live together in a friendly and democratic manner. Here friendships for life are formed that neither time nor space can destroy. Out of this web of activity the College desires that its students develop standards of behavior which are consistent with our Christian and democratic way of life.

#### THE RELIGIOUS LIFE

Lebanon Valley was founded as a Christian college and it is still dedicated to that objective. All students are invited and urged to participate in some phase of religious activity.

## Chapel

The College Chapel service is held on Tuesday morning at 11:00 a.m., in the College Church. Students are required to attend. Faculty, students, local clergymen from the various denominations as well as other outside speakers are invited to participate.

# Sunday Services

Although the College does not have a morning church service on campus it does urge all students to attend the church of their choice. The College Church, located on the corner of the campus, as well as the other churches of the community extends a warm welcome to all college students who wish to worship with them. A Sunday School class especially for college students is conducted in the College church each Sunday during the school year.

#### The Student Christian Association

As a part of its program the S.C.A. conducts weekly devotional services, campus-wide Bible studies, special seasonal services as well as intercollegiate exchange religious programs. In addition to numerous other activities the S.C.A. sponsors a number of social events throughout the year and arranges for the Big Sister-Little Sister and the Big Brother-Little Brother program for incoming freshmen.

By virtue of enrolling in the College a student becomes a member of the Student Christian Association. However, all students are urged to become active members by participating in the studentcentered religious program.

# Religious Emphasis Week

This annual week has been firmly established as one of the highlights of our school year. Outstanding speakers of the country are invited to share their experiences with the student body through classroom lectures, seminars, convocations, and personal interviews.

# Religion and Life Lectureship

During the academic year of 1950-51 the Religion and Life Lectureship was inaugurated on the campus for the purpose of deepening our understanding as touching both the current problems that affect human endeavor and, also, the religious resources that are available to meet such problems courageously. At least one Christian leader of national or international reputation is invited annually to spend a day on campus—conferring with faculty members and students, conducting seminars, and addressing the entire college community.

# Christian Vocation Week

This week is becoming more and more important in the list of religious activities. During this week special emphasis is given to the establishment of the Christian way of life as the basis for all vocations, professions, etc.

#### Delta Tau Chi

Students who make up this group have definitely decided to devote full-time service to church vocations. They hold regularly scheduled meetings, conduct programs at the various hospitals and county homes as well as enter into projects in the community.

# FACULTY-STUDENT GOVERNMENT

The ultimate responsibility for the things that happen on the College campus rests upon the faculty. However, the faculty has delegated considerable powers to the student governing bodies so that to a large extent students govern themselves. The College encourages student initiative and self-government as a part of the democratic training students should receive in college.

# Faculty-Student Council

The over-all coordination of the complex student affairs is under the direction of the Faculty-Student Council. The Council is com-

posed of representatives from each of the recognized organizations on campus plus three faculty members. The purpose of this organization, in addition to coordinating student activities, is to consider all things pertaining to student welfare, to work toward the improvement of the social life of the campus, to serve as the mediator for students and faculty and to suggest and initiate programs for the over-all improvement of the College.

# Governing Bodies

Four student governing bodies are functioning on the Lebanon Valley College campus. Each student is a member of one of these groups. The Senate exists for dormitory men, the Congress for day student men, the Council for day student women and the Executive Board for dormitory women. These four governing bodies, with the approval of the faculty, make and administer the rules which set the pattern of living for the campus. Men students residing in Annville with other than their immediate families are under the jurisdiction of the Men's Senate.

#### SOCIAL ACTIVITIES

#### Societies

Wholesome social life on the campus is promoted by all the organizations. However, there are four Societies whose sole purpose is to enrich the social program. These four, Phi Lambda Sigma and Kappa Lambda Sigma Societies for the men, Kappa Lambda Nu and Delta Lambda Sigma for the women, conduct a rushing season, hold formal dinners, have a share in campus dramatics, and assist in the over-all college social program wherever they are able. Another social club, Knights of the Valley, has received faculty recognition.

#### **Dramatics**

Those interested in dramatics, and especially prospective teachers who wish to prepare themselves to coach high school plays, will find experience in the anniversary plays presented by the literary societies and the Wig and Buckle Club. "Cub" membership in the Wig and Buckle is open to all students who desire experience in any branch of dramatics—acting, directing, stage mechanics, etc. Regular membership is limited to those who, on taking part in a college production, show real proficiency.

# Journalism

A group of students possessing ability in management and writing is selected annually by the Faculty to bring out a weekly periodical,

La Vie Collégienne, devoted to college and student interests. La Vie affords training of a highly specialized kind to those interested in reporting and editorial work. Other opportunities for training in authorship are afforded by The Quittapahilla, the annual year-book published by the Junior Class; and by the Green Blotter Club, whose membership consists of a selected group of writers, of whom four are chosen each year from among the first year students.

#### Athletics

Lebanon Valley College participates in three intercollegiate sports for men (football, basketball, baseball) and two for women (basketball and hockey). This intercollegiate sports program is under the direction of the Director of Athletics for Men and the Director of Athletics for Women.

Two athletic organizations are to be found on campus: the "L" Club for the men who win Varsity letters, and the Women's Athletic Association for the women athletes.

#### Intramural Activities for Men

Intramural leagues and tournaments are held in the following activities: touch football, basketball, handball (singles and doubles), table tennis, quoits, softball, tennis, volleyball, free throws, squash (singles and doubles), and badminton (singles and doubles).

#### Women's Athletic Association

All students receiving sufficient number of points in the intramural and intercollegiate sports program become members of this association. The aims of the association are to provide a wide scope of recreational activities, to sponsor Play Days, and to participate in athletic events offered by other colleges and women's athletic organizations.

# Intramural Activities and Sports for Women

All women participating in the intramural program will receive points towards individual awards. The activities are: archery, badminton, basketball, bowling, dancing, golf, handball, hiking, hockey, ping pong, riding, shuffleboard, soccer, softball, stunts and tumbling, swimming, tennis, and volleyball. Co-recreational sports are also planned with the men's physical education department.

# Intercollegiate Sports for Women

For the student with interest and ability in field hockey and basketball, there are scheduled practice hours at which time the varsity and junior varsity squads work upon techniques, plays, and scrimmages for their scheduled games with other colleges. Lebanon Valley Col-

lege is a member of the National Association of Physical Education and National and Central Pennsylvania Field Hockey Associations.

#### Recreational Facilities

The athletic equipment and facilities of the college are available to all men and women on week days (Monday to Friday) from 8 a.m. to 6 p.m. for recreational purposes.

#### Standard Course in First Aid

A class will be arranged, meeting once a week during the second semester. American Red Cross certification will be granted upon completion of requirements. Students engaged in any form of public welfare work, part-time or full-time, are urged to attend this course.

# Senior Life Saving and Water Safety

Classes will be conducted, during the second semester, under licensed instructors cooperating with authorized swimming pools. American Red Cross certification will be granted upon completion of requirements.

An Instructor's Course will be offered to those completing the Senior Course. Area representatives from National Headquarters, Washington, will give the final work of this course.

## Departmental Clubs

Many departmental clubs have been formed on the campus by groups of students interested in certain fields of investigation. At informal gatherings reports on current topics are presented and discussed, and visiting lecturers are entertained. The following is a list of such clubs: Beta Beta Beta (biological society), Chemistry Club, Einstein Club (Math-Physics), French Club, Future Teachers of America, German Club, Green Blotter Club, Life Work Recruits, Political Science Club, Psychology Club, Wig and Buckle Club, and Pi Gamma Mu, social science honor society.

#### Music

Those who play musical instruments or who sing are eligible for membership in the musical organizations maintained on the campus, such as the L. V. C. Band, Symphony Orchestra, College Orchestra, Glee Club, and College Chorus. For detailed announcement concerning these organizations turn to page 126 of this catalogue.

# Phi Alpha Epsilon

This honorary scholarship society gives recognition to those who have achieved a high scholarship record during their college course.

Those who have attained an average of 88 per cent during the first three and a half years of their college course and are of good moral character are eligible for membership.

#### PRIZES-1954

#### Max F. Lehman Memorial Mathematics Prize

Established by the Class of 1907, in memory of a classmate. Awarded to that member of the freshman class who shall have attained the highest standing in mathematics.

Awarded in 1954 to JoAnne Grove.

# Sophomore Prize in English Literature

Established by the Class of 1928. Awarded to the three best students in Sophomore English (Humanities 20a-20b), taking into account scholarship, originality, and progress.

The prize was awarded in 1954 to Audrey DaCosta, Norman J. Wegemer, Elaine J. Buck.

## Alice Evers Burtner Memorial Award

Established in 1935 in memory of Mrs. Alice Evers Burtner, Class of 1883, by Daniel E. Burtner, Samuel J. Evers, and Evers Burtner.

Awarded to an outstanding member of the Junior Class selected by the faculty on the basis of scholarship, character, social promise, and financial need.

Awarded in 1954 to Lynette Waller.

# Baish Memorial History Award

Established in 1947 in memory of Henry Houston Baish by his wife and daughter Margaret.

Awarded to a member of the Senior Class majoring in history; selected by the head of the History Department on basis of merit.

Awarded in 1954 to Raymond H. Coble, Jr.

# Pi Gamma Mu Scholarship Award

Authorized by the National Social Science Honor Society Pi Gamma Mu, Incorporated, and established at Lebanon Valley College in 1948 by the Pennsylvania Nu Chapter of the Society for the promotion of scholarship in the Social Sciences.

As an additional incentive for effort toward this end, this annual award, in the form of a nationally uniform and attractive medal, is granted upon graduation to a senior, selected by the Chapter's Executive Committee, for outstanding improvement in scholarship in economics, government, history or sociology, and high proficiency

or other distinction attained in pursuit of same during his or her years at the College.

Awarded in 1954 to Betty C. Criswell.

# Music Scholarship Award

Given by the Conservatory of Music to the senior and junior who have attained the highest scholarship in Music.

Awarded in 1954 to Doris Cortright Heck, senior; Joan C. Conway, junior.

# Award of the Pennsylvania Institute of Certified Public Accountants

THE ACCOUNTS HANDBOOK, awarded to a senior on the basis of accounting grades and qualities of leadership on campus.

Awarded in 1954 to Barbara Kreiser.

## Andrew Bender Memorial Chemistry Award

Established in 1952 by the Chemistry Club of the College and alumni. Awarded to an outstanding senior majoring in Chemistry. Awarded in 1954 to Robert H. Boyd and William H. Kelly.

#### The Chuck Maston Memorial Award

Established in 1952 by the Knights of the Valley. This award will be made annually to a male member of a varsity team who has displayed the exceptional qualities of sportsmanship, leadership, cooperation and spirit.

Awarded in 1954 to Louis A. Sorrentino.

# The Biological Scholarship Award

Established in 1918 by alumni and friends. Awarded annually by the head of the Biology Department on the basis of merit.

Awarded in 1954 to William A. Zilka.

# The Medical Scholarship Award

Established in 1918 by alumni and friends. Awarded annually by the head of the Biology Department on the basis of merit.

Awarded in 1954 to Edward U. Balsbaugh

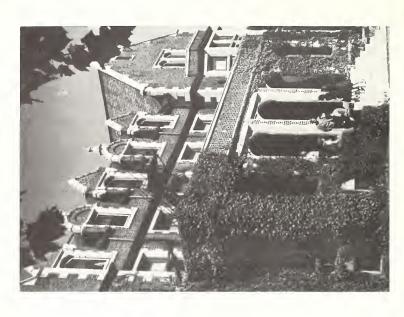
#### Mathematics Achievement Award

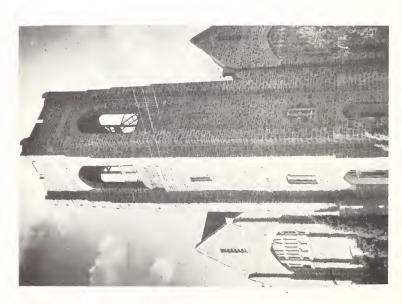
Awarded by the Chemical Rubber Co., to a member of the freshman class majoring in mathematics for the best work in mathematics throughout the freshman year. The award consists of a copy of the new edition of the Chemical Rubber Company's book, "Standard Mathematical Tables."

Awarded in 1954 to Charles F. Hartman.



Administration Building





## Counseling and Placement

Lebanon Valley College recognizes as part of its responsibility to its students the need for providing sound educational, vocational, and personal counseling. These services are under the supervision of trained psychologists. Measures of interest, ability, aptitude and personality, in addition to other counseling techniques, are utilized in an effort to help each student come to a fuller realization of his total personality. An important part of the counseling program consists of a series of lectures and discussions conducted as a non-credit course for freshmen. See listing below.

In addition to administering tests during freshman week, Lebanon Valley College is an approved center for nationally administered projects such as the Graduate Record Examination, and the National Sophomore Testing Program.

The College maintains a placement bureau which aids students in procuring part-time employment while in College, and positions upon graduation. An up-to-date file is maintained which contains information about positions, Civil Service opportunities and examinations, various companies and institutions, entrance to professional schools, and assistantships. Representatives of various businesses and industries visit the campus annually to interview seniors for prospective employment.

#### Freshman Orientation.

One hour. First semester. No credit.

This is a required course consisting of lectures and discussions on problems which confront the student in his transition from high school and home to the college environment.

## Admission

Students are admitted to Lebanon Valley College on the basis of scholarly achievement, character, personality, and general ability to make profitable use of the college experience. Although most of the new students each year are admitted as freshmen, those applicants whose work at other colleges has been of acceptable quality may be admitted with advanced standing.

#### APPLICATION FOR ADMISSION

All communications concerning admission should be addressed to the Director of Admissions, Lebanon Valley College, Annville, Pennsylvania.

The required forms for application will be furnished on request. Each application should be accompanied by a matriculation fee of five dollars which is not refundable. A transcript of the high school record, on a form provided for that purpose, should be sent by the principal directly to the college.

A student applying for advanced standing must present a certification of honorable dismissal and an official transcript of his scholastic record from the college attended previously.

All new students are required to present a physician's certificate showing that they have been successfully vaccinated within a period of seven years before their entrance to college.

#### ADMISSION TO THE FRESHMAN CLASS

In selecting the members of the freshman class, the following factors apply:

- 1. The applicant's secondary school record.
- 2. Recommendations by the principal, teachers, and other responsible persons as to the applicant's special abilities, integrity, sense of responsibility, seriousness of purpose, initiative, self-reliance, and concern for others.
- 3. A personal interview, arranged by special appointment, whenever possible.
- 4. The results of entrance examinations which may be required when the applicant ranks in the lower half of his class in high school.

## CONSERVATORY ENTRANCE REQUIREMENTS

It is recommended that applicants for the Conservatory present units which conform to the general requirements for admission. However, if they have fewer units in some subjects than the recom-

mended total and are strong in their major field, their applications will be considered.

For specific entrance requirements to the Conservatory of Music, consult page 119 of this catalogue.

#### ADMISSION UNITS

All candidates must offer sixteen units of entrance credit, acquired by graduation from an accredited secondary school or equivalency certificate acquired through examination.

Units acceptable for admission are from the following groups of subjects: English, foreign languages (ancient or modern), mathematics (algebra, geometry, trigonometry), sciences (biology, chemistry, physics, general science), social studies (civics, history, etc.). Other subjects may be accepted at the discretion of the Committee on Admissions.

Entrance Requirements

English	4	units
*Foreign Language (in one language)	2	**
**Mathematics		**
Science (laboratory)		**
Social studies		**
Electives		**
Total required	16	**

#### RECOMMENDATIONS

## Mathematics and Science

Candidates planning to major in science or mathematics should present at least 2 units of algebra, 1 unit of plane geometry, and one-half unit each of solid geometry and plane trigonometry. It is desirable that science majors present one unit each of biology, chemistry, and physics.

## Advanced Standing

A candidate who desires advanced standing through credits earned at another institution must submit an official transcript of his record for evaluation. This transcript should be sent directly to the Director of Admissions, Lebanon Valley College by the Registrar, at the candidate's request.

Credits from an approved institution will be recognized, provided

<sup>\*</sup> If an applicant (Conservatory excepted) cannot present the two units of foreign language, he will be required to take a minimum of two years of some one language in college. His credits for this work will be counted toward graduation requirements.

<sup>\*\*</sup> A deficiency in algebra or plane geometry must be made up before sophomore classification is granted.

they carry a grade of "C" or better and that the work parallels

courses listed in the college catalogue.

Subject to the conditions listed in the preceding paragraph, Lebanon Valley College will recognize for transfer credit a total of 17 hours of USAFI course work, provided that the work was done under actual classroom supervision. College credit is not granted on the basis of GED tests.

#### REGISTRATION

Registration is the process of class assignment and is completed over the signatures of the adviser and the Registrar. No student will be admitted to any class without the proper registration card, which is sent direct to the department of instruction from the Registrar's office.

The registration days for the collegiate year 1955-1956 are as follows: First semester, September 16, 17; second semester, December 7-14.

## Pre-registration

To expedite the opening of the school year in September, all students of 1954-1955 will be registered May 2-9 for the ensuing year's work. Changes in registration will be made in September without charge.

## Late Registration

Students registering later than the days specified will be charged a fee of five dollars. Students desiring to register later than one week after the opening of the semester will be admitted only by special permission.

## Change of Registration

When change of registration is advisable or necessary such changes must be made in the same way as the original registration, namely, over the signature of the adviser. Such changes will not be permitted after the close of the second week of the session.

## Classification

Classification will be made on the following credit basis: freshman standing, 16 units; sophomore standing, 30 semester hours and 30 quality points; junior standing, 60 semester hours and 60 quality points; senior standing, 90 semester hours and 90 quality points.

## LIMIT OF HOURS

Every full time resident student must take at least twelve semester hours of work as catalogued. Seventeen semester hours of work is the maximum permitted without special permission.

#### FRESHMAN ORIENTATION

Two days are set apart at the beginning of the college year for the purpose of helping new students to become familiar with their academic surroundings. There are lectures, placement tests, hikes, and informal meetings with members of the faculty in their homes. New students are made acquainted with the College traditions, and are advised concerning methods of study and the use of the library. All incoming students are required to take a thorough physical examination during this period.

During the first semester, freshmen are also required to attend a series of lectures and discussions on campus problems. See page 33.

#### **ADVISERS**

The student will find little opportunity for specialization in the first year at college, but before registering for the second year, or the third year, at the latest, he must choose a department in which to pursue work of special concentration. This department shall be known as his major. The head of the department in which a student has elected to major becomes the adviser for that student. The adviser's approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students majoring in his department, and stands to his students in the relation of a friendly counselor.

# Administrative Regulations

The rules of the College are as few and simple as the proper regulation of a community of young men and women will permit. The dormitories are under the immediate control of the Dean of Men, Dean of Women, and the student government bodies. Possession of alcoholic beverages on the campus will be construed as a major offense. It is likewise a major offense for any student to appear on the campus while under the influence of liquor.

Class
Absences

Each professor shall determine for each class and for each student when a student's repeated or continued absence from class has jeopardized his class standing with respect to that subject. The professor will then notify the student's adviser, who will counsel with the student regarding his work. If after this the student continues to be absent, the professor may, after consultation with the Dean of the College, drop the student's name from his class roll, and the student may reinstate himself only by taking an examination or by giving other evidence, as the professor sees fit to demand, of his ability to continue the course. The professor is free to say that a student who maintains an A average in that course may have unlimited cuts, and he may also say that a student who is doing below C work will be allowed no cuts at all.

A fee of three dollars will be charged for each examination for reinstatement.

Chapel Chapel service is conducted once a week. Attendance is required of all full-time students. Three absences are allowed during a semester. For each additional unexcused absence one hour will be added to the required hours for graduation.

Hazing is strictly prohibited. Any infringement by members of the other classes upon the personal rights of freshmen, or any discrimination against freshmen because of their class standing, is interpreted as hazing.

All cars owned or operated by Lebanon Valley College
Student students shall be registered with the Senate Parking Committee. Violation of parking regulations established by the Senate Parking Committee will result in fines of from one dollar to five dollars.

Enrollment and Credits

The college reserves the right to withdraw or discontinue any course for which an insufficient number of students have registered. In such an event, no fee will be charged for transfer to another course.

A student enrolled for a degree at Lebanon Valley College may not carry courses concurrently at any other institution without the consent of his/her major adviser. Neither may a regular student carry courses concurrently in the Evening or Extension Division of the college without permission of the major adviser.

A student registered in Lebanon Valley College may not obtain credit for courses taken in other colleges during the summer unless such courses have prior approval by the (major adviser) head of the

department concerned.

Transcripts Each student, former student, or graduate is entitled to one transcript without charge. For each copy after the first, a fee of one dollar is charged.

# REGULATIONS REGARDING STUDENTS ON ACADEMIC PROBATION

1. A student who does not pass, with a C average, at least 60% of his academic load per semester may be placed on probation.

2. A student may, upon action of the Academic Progress Committee, be put on academic probation, whenever the character of the work is such as to indicate that the student is in danger of failing to

complete the work necessary for graduation.

- 3. A student placed on probation, who fails to pass all of his work and who does not have a C average for the semester, will be subject to suspension from the college for the semester following, or subject to dismissal. In case of suspension he may be permitted to apply for readmission.
- 4. A student placed on academic probation will be notified by the Dean and informed of the college regulations governing probationers. Thereafter, infraction of these regulations renders the student liable to dismissal.
- 5. When a student is put on probation, faculty and parents will be notified by the Dean of the College. The Academic Progress Committee, upon advice of the Dean, may terminate the period of probation of any student. Usually this occurs at the end of a final marking period.
- 6. Students on probation are required to regulate their work and their time so as to make a most decided effort to bring their work up to the required standard.
- 7. The conduct of the probationer is governed by the following rules:

a. No unexcused class absences will be permitted.

b. Any office or activity in any college organization that involves such excessive expenditure of time as to jeopardize the successful prosecution of academic work must be given up.

## Expenses

The rates on the following pages apply to the college year 1955-1956.

#### MATRICULATION

A Matriculation Fee of five dollars must be paid by all full-time students who are entering the College for the first time or applying for a degree. This fee should accompany the application for admission, and is not refundable.

All students not enrolled in regular College or Conservatory courses will be required to pay a matriculation fee of one dollar, once in each school year.

#### TUITION AND STUDENT ACTIVITIES FEES

An annual charge of \$535 for tuition (entitling the student to seventeen hours per semester in the College and Conservatory) and \$50 for a student activities fee will be made for all students in regular courses.

Fifteen dollars will be charged for each additional semester hour of work taken in regular classes when the total number of hours for the year exceeds seventeen per semester. Students who enroll for fewer than twelve hours in regular courses will be charged at the rate of \$20 per semester hour.

The payment of the annual student activities fee entitles the student to the following privileges: the use of the library, facilities of gymnasium and athletic fields; subscription to La Vie Collégienne and the College year book; membership in the Christian Associations and student government associations; use of the Infirmary by residence students; and use of day-student quarters by day-students.

## LABORATORY FEES

To cover the cost of materials used in the laboratories, the following fees are charged:

	EACH
	SEMESTER
Biology 49	\$ 4.00
All other Biology courses, each	10.00
Geology 20	5.00
Chemistry 10, 11a, 11b, 12, 40	
Chemistry 20, 21, 22, 30, 31, 41	
Chemistry 35, 44	
Physics 21, 31, 33, 44	10.00

Education 45	\$ 4.00
Education 30	1.00
Education 41	1.00
Elementary Education 24	1.50
Elementary Education 32	1.50
Physical Science 40	2.00
Psychology 21. Psychology of Childhood	1.00
Psychology 22. Mental Hygiene	1.00
Psychology 24. Personnel Psychology	1.00
Psychology 30. Applied Psychology	2.00
Psychology 35. Experimental Psychology	5.00
Psychology 41. Methods of Clinical Psychology	3.00
Psychology 42. Mental Tests and Measurements	5.00
Sociology 31. Introduction to Social Work	2.00

There will be no refund of laboratory fees.

A deposit of \$2 is required of each student in the Biological Laboratory as a guarantee for the return of keys and apparatus. This amount, less any deductions for loss or breakage, is refunded when keys and apparatus are returned.

Breakage deposit for chemistry courses: Chemistry 10, \$5; Chemistry 11a, 11b, \$5; Chemistry 12, \$5; Chemistry 20, \$5; Chemistry 21, \$5; Chemistry 22, \$10; Chemistry 30, \$5; Chemistry 31, \$5; Chemistry 40, \$6; Chemistry 41, \$10; Chemistry 44, \$10; Chemistry 35, \$10; Chemistry 43, \$6. All breakage in the chemical laboratory will be charged against the individual student. Any balance of the above deposits due the student at the completion of his course will be returned or credited to his account, and any deficit beyond his deposit will be charged to his regular college account.

All deposits shall be paid at the Treasurer's office.

## BOARDING

The domestic department is in charge of a skilled and competent dietitian. Plain, substantial, and palatable food especially adapted to the needs of the student is provided. The kitchen is furnished with modern equipment, and all food is prepared in the most sanitary manner.

The boarding rate for the college year 1955-1956 is \$350. The College reserves the right to increase this amount at any time during the year in case of unusual change in food prices. These rates do not include Christmas and Easter vacations.

Students who leave college during the term will be required to pay board at the rate of \$12.00 per week during their stay in college.

All students who do not room and board at their homes are required to room and board in the College unless special permission is obtained to do otherwise. Students refusing to comply with this regulation forfeit their privileges as students in the College.

#### ROOM RENT

Room rent varies from \$125 to \$150 except when double rooms are assigned to only one student, in which case the occupant will pay the regular rent for two. Rooms are reserved only for those who make an advance payment of \$50. This amount will be credited to the semester account, and will not be returned except in case of emergency. There is no refund on room rentals.

Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatever for which the students are responsible. A breakage fee of \$10 is required of each student rooming in the Men's Dormitory. All or part of this may be returned at the end of the year. A dormitory service fee of \$10 is charged men in the Dormitory. A breakage fee of \$5 is required for each student in the women's dormitories. After deducting the cost of repairing any damage to the room, estimated at the end of the college year, the balance will be returned or applied on account.

A key deposit of one dollar (\$1.00) is required from all resident students. This fee is not refunded at the end of the college year because the locks on all rooms are changed yearly, the key deposit being used to defray this expense.

Each room in the Men's Dormitory is furnished with a chiffonier and book case, and for each occupant a cot, a mattress, one chair, and a study table. Students must provide their own bedding, rugs, towels, soap, and all other furnishings.

The Men's Dormitory is under the supervision of a member of the staff who occupies a suite of rooms in the building.

A reception room on the first floor is provided for the accommodation of parents and other visitors.

Each room in the women's dormitories is furnished with a bed, mattress, chair, dresser, book-case, and study table. All other desired furnishings must be supplied by the student.

All students to whom rooms are assigned are strictly forbidden to sublet their rooms to day students or to others for a money or any other consideration.

Should vacancies develop in any of the dormitories, the College reserves the right to require students previously rooming in Annville to move into the dormitory.

The College reserves the right to close all the dormitories during vacations.

A day-students' room for women is provided in South Hall, for men in the Men's Dormitory.

An all college lounge is provided in Washington Hall.

#### SCHEDULE OF ANNUAL CHARGES

Tuition	\$535.00
Student Activities Fee	50.00
Boarding	350.00
Room Rent	150.00
Service Charge, Men's Dormitory	10.00
Matriculation Fee-payable only once, i.e., when the stu-	
dent first enters the College	5.00

## FEE FOR STUDENT TEACHING

A fee of \$40.00 is charged to all students who do student teaching.

#### GRADUATION FEE

Sixty days prior to Commencement, candidates for degrees are required to pay a graduation fee of \$20.

#### PAYMENT OF FEES

An advance payment must be made by each student to provide for registration. Students who reserve rooms in dormitories are required to make a payment of \$50.00 when the room is reserved in order to secure the reservation. This deposit will not be refunded after August 1. After this date rooms not so secured may be assigned to other applicants. All other students in order to be certain of admission to the College must make this advance payment of \$50.00 by August 1. Registration is not completed and students will not be admitted to class until this payment is made. No refund will be made on this fee.

Bills for regular college expenses, including tuition, board, room, activities fee, and insurance, will be issued at the beginning of each semester for the full semester. These bills will be due and payable on or before the day of registration. Bills for all other fees, breakage, and books, will be issued thirty days after the beginning of each semester and will be payable ten days after they are issued. Unless the deferred payment plan is used, a minimum cash payment of \$100 is required on all bills on or before registration, the balance to be paid in full within ten days thereafter. Otherwise, the student will be required to withdraw from college.

Satisfactory settlement of all bills and fees is required before an honorable dismissal may be granted or grades recorded.

Students who are candidates for diplomas must make full settlement entirely satisfactory to the Finance Committee before diplomas will be sealed and delivered.

## DEFERRED PAYMENTS—THE TUITION PLAN

Since some parents may prefer to pay tuition and other fees in equal monthly installments during the academic year, Lebanon Valley offers this convenience under the Tuition Plan. The cost is 4% greater than when payment is made in cash at the beginning of each semester.

Parents who prefer to pay in installments need merely notify the Business Office and the necessary forms will be sent promptly. Application should be made within the ten days following the opening of the semester.

## ABSENCE AND SICKNESS

When students retain their class standing during absence from college because of sickness or for any other reason, no rebate or refund will be allowed on tuition. In case of suspension for any reason there will be no rebate.

In case of sickness which occasions loss of class standing, or in case of withdrawal for any other cause, a reasonable refund will be allowed on tuition, and charges made according to the following schedule:

## Tuition Refund Schedule

Period of Student's Actual		
Attendance in College		Charge
		Tuition
One week or less		20%
Between one and two weeks		20%
Between two and three weeks		40%
Between three and four weeks		60%
Between four and five weeks		80%
Over five weeks	1	00%
No refunds will be allowed on room rents.		•

#### INSURANCE PLAN

The College requires all students attending the College on a full-time basis to participate in the Student Sickness and Accident Insurance Plan, or to sign a waiver releasing the College from any liability arising from accidental injuries sustained by the student on the College premises or in any activities in which the College is involved. The Insurance Plan costs \$15.00 per school year.

## AID TO STUDENTS

Help is extended annually to a limited number of students, but only to those pursuing full courses in the College or Conservatory. This help is given in the form of scholarships, waiterships, janitorships, tutorships, or library assistantships. Such help is given on

the explicit condition that the recipient comply with all the rules and regulations of the College and give evidence of real need.

A student forfeits the privilege of a scholarship or other help from the College when he fails to maintain satisfactory scholastic standing, when in any way he refuses to cooperate with the College, or when he disregards the regulations of the institution.

Students rooming in dormitories and boarding at the college dining hall will be given preference when work of various kinds is assigned.

## SCHOLARSHIPS, TRUST FUNDS, AND REBATES

The College offers a limited number of tuition scholarships upon recommendation of the Scholarship Committee. It also makes some loans.

Competitive scholarship examinations are conducted at the College each year. All high school seniors in the upper third of their respective classes are eligible to participate. Information may be procured by writing to the Office of Admissions.

Recipients of competitive scholarships are required to complete their undergraduate work at Lebanon Valley or refund the used portion of the grant to the College before they can transfer credits to another undergraduate school.

Students preparing for the ministry in the Evangelical United Brethren Church will, if living at the College, be entitled to \$200.00 reduction in tuition, provided they maintain satisfactory academic standing. Day students, preparing for the ministry, will be entitled to \$110.00 reduction, under the same conditions.

Ministers' children are entitled to an annual reduction of \$83.00 on full tuition, in either the College or the Conservatory, unless they are day students, in which case they are entitled to a reduction of \$42.00. Scholarships do not cover the tuition for extra work taken.

Scholarships which are won in the Competitive Examinations, or granted for high scholastic standing, can be retained only if the student maintains an average of 80 per cent or higher.

Scholarships are not applied to accounts in Summer School or Extension School.

No scholarship or rebate will be granted for a period shorter than a semester.

The Kift-Mullen Memorial Foundation Scholarships:

Available to College Juniors and Seniors who are graduates of Allentown High School preparing to become teachers in the public and parochial schools. Awards in the amount of \$200.00 are made by July 1, of each school year.

# Endowment Aids

PROFESSORSHIPS	
Chair of Bible and Greek Testament	\$15,230.00
Josephine Bittinger Eberly Professorship of Latin Language and Literature	25,000.00
John Evans Lehman Chair of Mathematics	36,430.04
Rev. J. B. Weidler Fund	200.00
STUDENT LOAN FUNDS	
Mary A. Dodge Fund	\$11,361.36
Daniel Eberly Scholarship Fund	451.86
Evangelical United Brethren Church Loan Fund	5,144.33
Henry B. Stehman Fund	2,108.71
Alumni Giving Fund	4,867.96
Chas. E. Merrill Fund	554.10
Dr. Wagner Fund	223.02
Washington, D. C., Memorial E. U. B. Ministerial Loan Fund	1,050.00
SCHOLARSHIPS	
Allegheny Conference C. E. Society, Scholarship	\$ 1,000.00
Alumni Scholarship Fund	6,760.00
Dorothy Jean Bachman Scholarship Fund	1,000.00
Lillian Merle Bachman Scholarship Fund	1,000.00
Baltimore Fifth Church, Otterbein Memorial Sunday School Scholarship	3,000.00
E. M. Baum Scholarship Fund	500.00 1,000.00
Dr. and Mrs. Andrew Bender Scholarship Fund  The Andrew Bender Chemistry Scholarship Fund	1,000.00
Biological Scholarship Fund	2,517.00
Eliza Bittinger Scholarship Fund	7,800.00
Mary A. Bixler Scholarship Fund	500.00
I. T. Buffington Scholarship Fund	2,000.00
Alice Evers Burtner Memorial Award Fund	2,000.00
The Collegiate Scholarship Fund of the Evangelical United Brethren	
Church	4,000.00
Isaiah H. Daugherty and Benjamin P. Raab Memorial Scholarship	1,500.00
United States Senator James J. Davis Scholarship Fund	100.00 6,347.22
William E. Duff Scholarship Fund	600.00
East Pennsylvania Branch W. M. A. Scholarship	3,000.00
East Pennsylvania Conference C. E. Scholarship	5,000.00
Samuel F. and Agnes B. Engle Scholarship Fund	6,000.00
M. C. Favinger and Wife Scholarship Fund	1,000.00
Fred E. Foos Scholarship Fund	1,000.00
C. C. Gingrich Scholarship Fund	3,000.00
G. D. Gossard and Wife Scholarship Fund	3,300.00
Peter Grayhill Scholarship Fund	1,000.00
Jacob F. Greasley Scholarship Fund	500.00
Harrisburg Otterbein Church Scholarship Fund	2,120.00 1,100.00
J. M. Heagy and Wife Scholarship Fund	500.00
Bertha Foos Heinz Scholarship Fund	1.000.00
Harvey E. Herr Memorial Scholarship Fund	1,000.00
Edwin M. Hershey Scholarship Fund	400.00
H. S. Immel Scholarship Fund	5,000.00
Henry G. and Anna S. Kauffman and Family Scholarship Fund	1,000.00
John A. H. Keith Fund	100.00
Barbara June Kettering Scholarship Fund	1,020.00
Rev. and Mrs. J. E. and Rev. A. H. Kleffman Scholarship Fund	1,000.00
The A. S. Kreider Ministerial Fund	15,000.00

W. E. Kreider Scholarship Fund The Lorenz Benevolent Fund Mrs. Savilla Loux Scholarship Fund Lykens Otterbein Church Scholarship Fund Mechanicsburg U. B. Sunday School Scholarship Medical Scholarship Fund Elizabeth Meyer Endowment Fund Elizabeth May Meyer Musical Scholarship Fund Mrs. Elizabeth H. Millard Memorial Scholarship Fund Bishop J. S. Mills Scholarship Fund The Ministerial Student Aid Gift Fund of the E. U. B. Church Elizabeth A. Mower Beneficiary Fund Grace U. B. Church of Penbrook, Pa., Scholarship Fund Pennsylvania Branch W. M. A. Scholarship Fund Pennsylvania Conference C. E. Scholarship Rev. H. C. Phillips Scholarship Fund Philadelphia Alumni Scholarship Fund Sophia Plitt Scholarship Fund Ouincy E.U.B. Orphanage and Home Scholarship Fund Ezra G. Ranck and Wife Scholarship Fund Levi S. Reist Scholarship Fund Harvey L. Seltzer Scholarship Fund The Rev. and Mrs. Cawley H. Stine Scholarship Fund	\$ 2,000.00 7,500.00 1,000.00 1,000.00 2,000.00 245.00 5,000.00 5,500.00 1,396.81 225.00 3,000.00 4,465.00 1,300.00 5,41.30 6,380.00 5,000.00 1,000.00 3,000.00
BOOKS FOR LIBRARY	
Library Fund of Class of 1916	\$ 1,350.00
MAINTENANCE OF BUILDINGS Hiram E. Steinmetz Memorial Room Fund	\$ 200.00
MISCELLANEOUS	
Class of 1928 Prize for Proficiency in English Rev. John P. Cowling Memorial Fund Harnish-Houser Publicity Fund Max F. Lehman Prize in Freshman Mathematics Henry H. Baish Memorial Fund for Annual History Prize Dr. Warren H. Fake and Mabel A. Fake Science Memorial Fund	\$ 835.00 1,000.00 2,000.00 400.00 1,000.00

## Requirements for Degree

The degrees conferred in course are Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Science in Chemistry (B.S. in Chemistry), Bachelor of Science in Nursing (B.S. in Nursing), and Bachelor of Science in Medical Technology (B.S. in Medical Technology).

The degree of Bachelor of Arts will be conferred upon students who complete the requirements for graduation in the following areas: English, French, German, Greek, History, Mathematics, Philosophy, Political Science, Psychology, Religion, Sociology, or Spanish.

The degree of Bachelor of Science will be conferred upon students who complete the requirements in the following areas: Biology, Chemistry, Mathematics, Physics, Economics and Business Administration, Music Education, Arts-Engineering, Arts-Forestry, Elementary Education, or Physical Education for Women.

The professional degrees of Bachelor of Science in Chemistry, Bachelor of Science in Nursing, and Bachelor of Science in Medical Technology will be conferred upon students who complete the requirements in the respective professional areas.

For detailed information see pages 51-70.

Semester
Hours
Hou

Candidates for degrees must obtain a minimum of 126 semester hours credit in academic work, and in addition 4 semester hours in physical education, making a total of 130 semester hours. It is understood, however, that a student who has a physical disability may be excused (on recommendation from the college physician) from the requirement in physical education without being obliged to substitute other work in order to bring his total of semester hours from 126 to 130.

As a part of this total requirement, every candidate must present at least 24 semester hours in one department (to be known as his Major), and at least 18 semester hours in another department (to be known as his Minor)\*

<sup>\*</sup> Students enrolled in professional curricula, such as Music Education, Economics and Business Administration, Industrial Chemistry, Elementary Education and certain other pre-professional curricula, are not required to take a Minor.

Both Major and Minor may be selected before registration for the sophomore year, the Minor to be suitably related to the Major, and chosen with the advice and approval of the Head of the major department.

Residence Requirement Degrees will be conferred only upon candidates who have earned at least 30 semester hours work in residence.

Quality Points

Candidates for degrees must also obtain a minimum of 130 quality points, computed in accordance with the grading system indicated below. (Effective 1958, candidates for degrees must obtain a minimum of 260 quality points computed in accordance with the revised grading system indicated below.)

The work of a student in each subject is graded System of Grading A, B, C, D, or F. These grades have the foland Quality Points lowing meanings: A (90-100%), distinguished; B (80-89%), good; C (70-79%), average; D (60-69%), passing, lowest sustained grade; F, failing, student must drop or repeat the subject. If a student fails twice in a subject, he may not register for it a third time. For each semester hour credit in a course in which a student is graded A he receives 3 quality points; B, 2; and C, 1. D carries credit but no quality points. A grade of F shall entail a loss of 1 quality point per credit hour. (Effective 1954-55 for all new students, the following quality point grading system will be used: for each semester hour credit in a course in which a student is graded A he receives 4 quality points; B, 3; C, 2; and D, 1; F carries no credit and no quality points.) In addition to the above grades the symbols "I", "W", "WP", and "WF" are used on grade reports and in the college records. "I" indicates that the work is incomplete (that the student has postponed, with the consent of the instructor, certain required work), but otherwise satisfactory. This work must be completed within the semester following. If not completed the tollowing semester the 'I" is converted to an F.

Withdrawal from Courses

W indicates withdrawal from a course any time within the first six weeks of a semester. If, however, a student withdraws after six weeks, the symbol WP will be entered if his work is satisfactory, and WF if his work is unsatisfactory. The mark WP will be considered as without prejudice to the student's standing, but the mark WF will be counted as a grade of 50 in averaging the grades.

Transfer Students Students transferring from other institutions must secure an average grade of C or better (a quality point average of at least 1.0) in work taken at Lebanon Valley

College.

## GENERAL REQUIREMENTS

•	
English 10a-10b	6 hours
Foreign Language (above beginner's level)	6 hours
Students who start with the beginner's course must	
take an additional year in the same language.	
Humanities 20	8 hours
Social Studies 30	8 hours
History 24a-24b	6 hours
Health Education (required of all freshmen)	no credit
Mathematics	
See requirements in various curricula outlined on	
pages 51-70.	
Orientation (required of all freshmen)	no credit
Physical Education	4 hours
Psychology 20	3 hours
Religion 10a-10b, or 11a-11b	4 hours
Religion 32 or Philosophy 31 2 or	3 hours
Science (Biol. 12 or 18 or Chem. 12 or 10 or Phys. 20	
and 21)	8 hours
must take the basic course in Biology, Chemistry, Ph	ysics,
and Mathematics.	
For Science requirements in special curricula see	
pages 51-70.	

# Special Plans of Study in Preparation for Professions'

## CHEMISTRY

Adviser: Dr. Neidig

## Curriculum Leading to the Degree of B.S. in Chemistry

This program meets all of the requirements of the American Chemical Society for the training of chemists for industry and for advanced study.

First Year		Credit
Chemistry 10 English 10a-10b German 1 or 10 Mathematics 10 (or 11) Orientation 11, Health Education 11 Physical Education 10 Religion 10 or 11	1st Sem. 5 3 3 4 0 1	2d Sem. 5 3 3-4 0 1 2
Second Year		
Chemistry 21 Chemistry 22 Humanities 20 History 24a-24b Mathematics 11 (or 22, 23) Physical Education 20	2 4 4 3 3-4 1	2 4 4 3 3-4 1
Third Year		
Chemistry 34 Chemistry 41 Social Studies 30 Physics 20, 21 Psychology 20 Religion 32 Elective	3 -4 4 4 3 - 3	3 4 4 
Fourth Year		
Chemistry 30 Chemistry 31 Chemistry 40 Chemistry 44 Electives	3 -4 2 8	3 4 2 8

It is recommended that electives be chosen from Biology, Physics or Mathematics. It is suggested that those students who plan to take graduate work acquire a reading knowledge of French.

<sup>1</sup> For the special course in Music, see page 119.

## ECONOMICS AND BUSINESS ADMINISTRATION

Adviser: Associate Professor Riley

## Suggested program for majors in Economics and Business Administration

## First Year

First Semester	Hours Credit	Second Semester	Hours Credit
Orientation		Economics 11	. 3
Economics 10	. 3	Mathematics 12	. 3
Mathematics 19	. 3	English 10b	. 3
English 10a	. 3	Foreign Language	. 3
Foreign Language	. 3	Chemistry 12 or Biology 12	2 4
Chemistry 12 or Biology 1:		Physical Education 10	
Physical Education 10	. 1	,	
•	-		17
	17		

## Second Year

	Hours Credit
n 10b or 11b ities 20 nics 20 tics 23 1 Education 20 24b	4 3 4 1

## Third Year

First Semester	Hours Credit	Second Semester	Hours Credit
Economics 32	3	Economics 32	. 3
Economics 36	3	Economics 37	. 3
Social Studies 30	4	Social Studies 30	. 4
Psychology 20		Philosophy 31 3 of	r 2
Political Science 10a	3	or Religion 32	
		Electives 3 o	r 4
	16		
			16

## Fourth Year

First Semester	Hours Credit	Second Semester	Hours Credit
Economics 48	. 3	Economics 49 Economics 35 or 45 Economics 38 or 40-2 Electives	. 3
			•
	15		15

## **ELEMENTARY EDUCATION**

Advisor: Mr. Ebersole

## Suggested program for majors in Elementary Education.

## First Year

First Semester	Hours Credit	Second Semester	Hours Credit
English 10a—Composition	. 3	English 10b—Composition	. 3
Language 10	. 3	Language 10	. 3
Religion 10a-Intro. Engl		Religion 10b—Intro. Eng.	1.
Bible	. 2	Bible	. 2
Biology 12a—General		Biology 12b—General	. 4
Health & Phys. Ed. 10	. 1	Health & Phys. Ed. 10	. 1
Education 20—Intro. to E	d. 3	El. Ed. 12—Orientation and	d
	_	Curriculum	. 3
	16		
			16

## Second Year

First Semester	Hours Credit	Second Semester	Hours Credit
Humanities 20	. 4	Humanities 20	4
History 24a—U.S. and Penna	. 3	History 24b—U.S. and Penna.	. 3
Psychology 20—General	. 3	Psychology 23—Educational	3
El. Ed. 21—Intro. to Music	c 3	El. Ed. 22—Teach. of Music	3
El. Ed. 23—Teach. of Nat		El. Ed. 24—Exploring Art	3
Science	. 3	Phys. Ed. 23—Exhibitions	5
Phys. Ed. 22—Games & Ac	; <b>-</b>	and Demonstrations for	
tivities for Elementary		Elem. Grades	1
Grades	. 1		
			17
	177		

## Third Year

First Semester	Hours Credit	Second Semester	Hours Credit
Social Studies 30	. 4	Social Studies 30	. 4
Pol. Sci. 10a—American		Pol. Sci. 10b—American	
Gov't	. 3	Gov't	. 3
El. Ed. 31—Teach. of Arith	. 3	El. Ed. 33—Teach. of Soc	
El. Ed. 32—Teaching of Ar	t 3	Studies	
Geography 10	. 3	English 22—Public Speaking	g 2 3
		Geography 10	. 3
	16	Relig. 32—Teachings of	
		Jesus	. 2
			16

## Fourth Year

First Semester	Hours Credit	Second Semester	Hours Credit
El. Ed. 41—Teach. of Read ing and Language Arts Child Psychology	. 3	El. Ed. 40—Student Teach El. Ed. 43—Health and Safety Education Electives	. 3
	- /		

#### COOPERATIVE ENGINEERING PROGRAM

ADVISOR: MR. GILMORE

Lebanon Valley College offers a cooperative program in Engineering whereby a student may achieve a liberal arts degree from Lebanon Valley College and also an engineering degree from the University of Pennsylvania.

A student electing to pursue this curriculum spends the first three years in residence at Lebanon Valley College. At the end of these three years he will, if recommended, go to the University of Pennsylvania for two additional years of work in engineering. At the successful completion of the five years of study, the student will receive two degrees: one from Lebanon Valley College (the Bachelor of Science degree) and an engineering degree from the University of Pennsylvania.

## Recommended curriculum for 3-2 Cooperative Plan in Engineering

	First	Year	
First Semester  English 10a—Composition . Chemistry 10—Inorganic and Qual Analysis	Hours Credit 3 5 3 2	Second Semester English 10b—Composition Chemistry 10—Inorganic and Qual. Analysis Math. 10—Mathematics Analysis Language 10 Religion 11a—Intro. to Religion Health and Phys. Ed. 10.	. 5 . 3 . 3

## Second Year

First Semester	Hours Credit	Second Semester	Hours Credit
Math. II Analyt. Geom		Math. 11-Anal. Geom. &	
& Calculus	. 4	Calculus	. 4
Physics 20, 21—General	. 4	Physics 20, 21—General	. 4
Gen. Ed. 20—The Hu-		Gen. Ed. 20—The Hu-	
manities	. 4	manities	. 4
Physical Education 20	. 1	Physical Education 20	
Psychology 20—General	. 3	Engineering Drawing	. 3
Religion 32—Teachings of	f		_
Jesus	. 2		16
	_		
	10		

## Third Year

First Semester  Gen. Ed. 30—The Social Studies  Physics 33—Electrical Measurements  Physics 32—Magnetism & Electricity  Mathematics 22—Adv.  Calculus  History 24a—U.S. and Penna Electives	3 . 3 . 3	Second Semester  Gen. Ed. 30—The Social Studies  Physics 33—Electrical Meas urements  *Physics 45—Modern Physics Mathematics 23—Ordinary Diff. Equations  History 24b—U.S. and Pa Electives	1 3 3
Chemical Engineers add co	ourses as	s follows:	
Chem. 21—Quantitative Analysis Physics 40—Analytical Mechanics		Chem. 21—Quantitative Analysis Elective	
Metallurgical Engineers add	d course	es as follows:	
Chem. 21—Quantitative Analysis Physics 40—Analytical Mechanics	Hours Credit	Chem. 21—Quantitative Analysis Elective	
Electrical Engineers add co	urses as	follows:	
Physics 40—Analytical Mechanics	Hours Credit	Elective	Hours Credit 4
Civil Engineers add courses	as follo	ws:	
Physics 40—Analytical Mechanics	Hours Credit . 3	Physics 40—Analytical Mechanics	Hours Credit
Mechanical Engineers add	courses	as follows:	
Physics 40—Analytical Mechanics Elective	Hours Credit	Physics 40—Analytical Mechanics	Hours Credit

<sup>\*</sup> Not required for Civil Engineers.

#### COOPERATIVE FORESTRY PROGRAM

Adviser: Mr. Bollinger

Lebanon Valley College offers a program in forestry in cooperation with the School of Forestry of Duke University. Upon successful completion of a five-year coordinated course of study, a student will have earned the Bachelor of Science degree from Lebanon Valley College and the professional degree of Master of Forestry from the Duke School of Forestry.

A student electing to pursue this curriculum spends the first three years in residence at Lebanon Valley College. Here he obtains a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry. Such an education does more than prepare a student for his later professional training; it offers him an opportunity to develop friendships with students in many fields, expand his interests, broaden his perspective, and fully develop his potentialities.

The student devotes the last two years of his program to the professional forestry curriculum of his choice at the Duke School of Forestry. Since Duke offers forestry courses only to senior and graduate students, the student from Lebanon Valley finds himself associating with a mature student body. He is well prepared for further personal and professional development.

Candidates for the forestry program should indicate to the Director of Admissions of Lebanon Valley College that they wish to apply for the Liberal Arts-Forestry Curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and a transcript of his academic record at Lebanon Valley College. No application need be made to the School of Forestry prior to this time.

The following course of study indicates the nature of work to be taken under this program. Each student selects one of the curricula indicated for the fifth year.

## Curriculum for Lebanon Valley College

•	U	
First Year	Hours	Credit
THIS Ten		2nd Sem.
	1st Sem.	zna Sem.
English 10a-10b	3	3
		3
Foreign Language	3	3
General Biology 18a-18b	4	4
Religion 10a-10b or 11a-11b	2	2
Mathematics 10a, 10b or 11		3_4
Physical Education		1
Thysical Education	Ô	-
Orientation	U	U
	16_17	16_17
	 16-17	16-17

## Second Year

	Hours (	Credit 2nd Sem.
Foreign Language (or elective)	3	3
Chemistry 10	5	5
Humanities 20	4	4
History 24a-24b	3	3
Physical Education		1
Geology 20a-20b	2	2
	18	18

## Third Year

	Hours 1st Sem.	Credit 2nd Sem.
Social Studies 30	4	4
Physics 20, 21	4	4
Economics 20	3	3
Psychology 20		
Réligion 32 or Philosophy 31		2 or 3
Electives	3	4_3
	-	
	17	17

## Suggested subjects for electives

Biology 28a-28b (Botany)	Philosophy 21
Organic Chemistry 20	Biology 22 (Genetics)
Economics 23	Biology 34 (Plant Physiology)
English 22, 23	Biology 33 (Introduction to
-	Forestry)

## Professional Forestry Curricula at the Duke School of Forestry Summer Forestry Field Work (Prerequisite to fourth year courses)

Plane Surveying	4 5 4
Total Mensuration	19

## Fourth Year

	nours	Credit
	1st Sem.	2nd Sem
Dendrology; Forest Pathology	3	3
Anatomy of Wood; Sampling Methods	3	3
Forest Soils: Silvics	3	3
Economics of Forestry	3	
Harvesting and Processing Forest Products		4
Electives	3	2
		_
	15	15

## Fifth Year General Forestry Curriculum

	Hours (	Credit 2nd Sem.
Forest Entomology	3	
Silviculture	3	
Applied Silviculture	1	
Forest Protection	2	
Forest Management	3	
Thesis research and electives	3	9
Soils and Silviculture Spring Trip		1
Forest Valuation		3
Management Plans		2
	_	
	15	15

## Forest Products Curriculum

rotest froducts Cufficulum		
	Hours 1st Sem.	Credit 2nd Sem.
Seasoning and Preservation	3	
Silviculture	3	
Forest Management	3	
Advanced Forest Utilization	3	
Thesis research and electives	3	6
Forest Products Entomology		3
Properties of Wood		3
Industrial Engineering		3
		-
	15	15

# HEALTH AND PHYSICAL EDUCATION FOR WOMEN CURRICULUM

	First	Year	
	Hours Credit 3 3 2 3 1 1 1 1 7	Second Semester  English 10b—Composition Language 10  Religion 10b—Intro. Engl. Bible  Biology 12b—Zoology incl. lab  Chemistry and Nutrition Fundamentals of Sports Activities 13b  Gymnastics 15	3 2 4 3
:	Second	Year	
	Hours Credit  4 3 1 3 1 2 1 1 1 6 Third	Humanities 20	3 2 3 1 1 1 1
T	Hours		Hours
Social Studies 30	2 2 1 1 1 1 1 7 1 7 1 7 1 7 1 7 1 7 1 7	Second Semester  Social Studies 30	2 2 3

## Fourth Year

First Semester	Hours Credit	Second Semester	Hours Credit
Principles of Health, Ph- Ed., and Recreation Organization and Admin tration Aquatics I Mental Hygiene Elective in Education Other electives	3 is 3 1 3 3	Teaching of Health Education 40—Student Teaching Aquatics II Electives	. 9
	17		

## PRE-LAW CURRICULUM

## Adviser: Professor Laughlin

The following curriculum is recommended for students intending to enter a law school.

First	Year
First Semester Hours Credit	Second Semester Hours Credit
Biology 12 or Chemistry 12 4 English 10a 3	Biology 12 or Chemistry 12 4 English 10b 3
Foreign Language 3	Foreign Language 3
Orientation 0 Physical Education 10 1	Health and Physical Edu- cation 10 1
Political Science 10a 3	Political Science 10b 3
Religion 10a or 11a 2	Religion 10b or 11b 2
16	16
Second	
First Semester Hours Credit	Second Semester Hours Credit
Economics 20 3	Economics 20 3
#Foreign Language 3	Humanities 20
Physical Education 20 1	Philosophy 11 3
Political Science 20 3	Physical Education 20 1
Psychology 20 3	Political Science 21 3
17	17
Third	Year
First Semester Hours Credit	Second Semester Hours Credit
Econ. 32—Business Law 3	Econ. 32—Business Law 3
History 24a 3	History 24b 3
Political Science 30 3 Sociology 20 3	Political Science 31 3 Sociology 21 3
Integrated Studies 30 4	Integrated Studies 30 4
	— 16
Fourth	
First Semester Hours	Second Semester Hours
History 31 3	History 32 3
Political Science 32 2	Political Science 41 3
Political Science 40 3	Sociology 30 3
Religion 32 or Philosophy 31	Electives 6
Sociology 33 3	15
Electives 3	
16 or 17	
Major—Political Science	

Note: Math. 10 (Math. Analysis) and 19 (Math. of Finance) are recommended as valuable in connection with the statistical and accounting problems of legal practice; also Econ. 23 (Accounting).

<sup>\*</sup> See catalogue statement on page 50 regarding foreign language requirements.

## PRE-MEDICAL CURRICULUM

ADVISER: DR. AMELL

The following course of study is outlined for those desiring to qualify for admission to medical schools.

The pre-medical course includes all of the subjects required for admission to medical schools which require a collegiate degree for admission, and fulfills the requirements of the College for the Bachelor of Science degree. The student is enrolled in the pre-medical curriculum.

The student should maintain a standard of not less than "B" in required courses and a grade point average of not less than 1.50 in all subjects in order to obtain the scholastic recommendation of the College for admission to a medical school.

## Four-Year Course

First Year  Religion 10a-10b or 11a-11b	. 10 . 6 . 6 1 6 . 2	Second Year  Biology 18	. 8 . 3 . 8 . 2
Third Year  Chemistry 20 and 21 Social Studies Physics 20 and 21 Electives	. 8	Fourth Year  Biology 31, 32 or 45 History 24a-24b Biology 48a-48b Rel. 32 or Phil. 31 2 o Electives	. 6 . 8 r 3

<sup>1</sup> A few medical schools require both French and German

#### PRE-DENTAL CURRICULUM

ADVISER: DR. AMELL

The course of study for Pre-Dental students meets the requirements for admission to all Dental Schools and fulfills the requirements of the college for the Bachelor of Science degree.

The course of study for four-year Pre-Dental students is the same as that for Pre-Medical students outlined on page 63.

For those students wishing to apply for admission to a dental school upon completion of two years of undergraduate study, a special course of study is available. This two-year curriculum meets the minimum requirements of most dental schools.

## Two Year Pre-Dental Curriculum

#### 1st Year

	1st Semester	2nd Semester
Biology 18	. 4	4
Chemistry 12		4
English 10		3
French or German 10	. 3	3
Mathematics 10	. 3	3
Phys. Ed. 10	. 1	1
,	-	
	18	18

#### 2nd Year

1s	t Semester	2nd Semester
Chemistry 22	4	4
Physics 20, 21	4	4
Humanities 20	4	4
Psychology 20	3	_
Réligion 10		2
Phys. Ed. 20	1	1
Elective	-	3
		_
	18	18

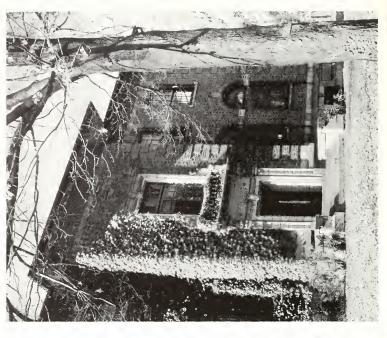
#### PRE-VETERINARY CURRICULUM

ADVISER: DR. AMELL

The need of each applicant is considered individually. The course will include the subjects prescribed or recommended by the professional school which the candidate expects to enter. The course of study for pre-veterinary students is the same as that for pre-medical students outlined on page 63. One of the elective courses of the third year should be Biology 38.



Lynch Memorial Physical Education Building





## MEDICAL TECHNOLOGY CURRICULUM

Adviser: Dr. Francis H. Wilson

## Admissions

Applicants for admission to the curriculum must meet the admission requirements of Lebanon Valley College as stated on pages 34 and 35 of the current catalogue. At the same time they shall secure approval by the School for Medical Technologists for the status of pre-registered students, to be admitted on the successful completion of the academic part of the curriculum at the College. The School for Medical Technologists shall be the final judge of a student's qualifications to pursue its curriculum.

#### Curriculum

The first three years will be spent at Lebanon Valley College in pursuit of the following courses of study which include all the general requirements for graduation and certain courses especially suitable as preparation for the study of medical technology:

First Year	Hours	
Courses		2d Sem.
English 10a-10b (Eng. Comp.)	3	3
Foreign Language	3	3
Biology 18 (General)	4	4
Mathematics 10a, 10b	3	3
Religion Ila-Ilb (Introduction)	$\frac{2}{1}$	4 3 2 1
Health and Physical Education	1	1
Orientation	0	0
	-	
	16	16
Second Year		
	1st Sem.	2d Sem
Humanities 20	4	4
Chemistry 12 (Gen. Inorg.)	4	4
Biology 21 (Microbiology)	4	
Biology 32 (Animal Physiology)		4
Foreign Language or, if this requirement has been		
satisfied, an elective	3	3
Physical Education	1	1
,	—	
	16	16
Third Year		
	1st Sem.	2d Sem.
Social Studies 30	4	4
History 24a-24b (U.S. and Penna.)	3	3
Psychology 20 (General)	3	
Philosophy 31 (Philos. of Rel.)	_	3 or 2
Chemistry 22 (Organic)	4	4
Elective	2 or 3	2 or 3
	16 or 17	16 or 17

Following the completion of this curriculum the student will spend twelve (12) months at the Harrisburg Hospital School for Medical Technologists in pursuit of its regular curriculum as prescribed by The American Society of Clinical Pathologists. On the successful completion of both phases of the curriculum the student will be awarded the degree of Bachelor of Science in Medical Technology by Lebanon Valley College.

## NURSING

## ADVISER: DR. FRANCIS H. WILSON

The five-year Nursing Plan offers to young women intending to enter the field of nursing an opportunity to obtain a liberal arts education in connection with their nurse's education.

Lebanon Valley College has entered into an affiliation with the Harrisburg Hospital School of Nursing, Harrisburg, Pennsylvania, in order to establish a five-year curriculum in nursing.

#### Curriculum

The first two years will be spent at Lebanon Valley College in pursuit of the following courses of study:

First Year		Credit 2d Sem.	Second Year			Credit 2d Sem.
English 10a-10b	3	3	Humanities 20		4	4
Foreign Languag		3	History 24a-24b		3	3
Biology 18		4	Chemistry 12		4	4
Sociology 20-21		3	Religion 11a-11b		2	2
Psychology 20 .			Foreign Languag	e or		
Music Appreciat			elective		3	3
31		3	Physical Education	n.	1	1
Health and Phy.		ī	•		_	_
Orientation	—	_			17	17
	_	_				
	17	17				

The next three years will be spent at the Harrisburg Hospital School of Nursing in pursuit of the regular curriculum. At the end of these five years the student who has successfully completed both phases of the curriculum will be awarded the degree of Bachelor of Science in Nursing by Lebanon Valley College and the diploma in nursing by the Harrisburg Hospital School of Nursing.

## NURSING EDUCATION

Lebanon Valley College and Wilkes College have entered into a cooperative program whereby nurses working in the vicinity of Annville and Lebanon may earn a degree in Nursing Education from Wilkes College by taking their academic credits on the campus at Lebanon Valley College and their professional credits at Wilkes College, either in extension at the Hospital or in residence at Wilkes-Barre.

The usual residence requirements for a degree in Nursing Education may be satisfied by taking one-half the work on the campus at Lebanon Valley College and the other one-half at Wilkes College.

#### TEACHING

Advisers: Professor McKlveen; Assistant Professor Ebersole

The main purpose of the instruction in the Education Department of Lebanon Valley College is to train future teachers to become efficient, conscientious, capable members of a growing and responsible profession.

Course requirements are established to meet state certification. The offerings selected have been chosen to cover a sufficient area to develop a well rounded curriculum for teacher training without undue over-lapping of materials presented.

# Certification Requirements

Certification requirements in the various states make it imperative that prospective teachers begin planning their work during the freshman year in college. The planning should take into consideration two factors:

# A. Requirements in academic subject matter.

- 1. Public Speaking (English 22) is a college requirement for all students entering the teaching field.
- 2. For all Provisional College Certificates, a basic course in the History of the United States and Pennsylvania is now required.
- 3. The Provisional College Certificate entitles the holder to teach for three years in any public secondary school of the Commonwealth the subjects indicated on its face. The subjects placed on the certificate will be those in which a student has earned twenty-four or eighteen college credits. This is, of course, work completed in the academic field beyond the educational requirements.
- 4. Students can be certified in the following secondary school subjects: English, French, German, Latin, Spanish, History, Social Science, Mathematics, Physical Science, and Biological Science. At least eighteen hours of credit in the various fields are required for certification to teach in those fields.
- 5. The following programs are designed to meet Pennsylvania requirements in the respective subject matter fields:
  - a. English: 10a-10b, 30a or 30b, 21a, Humanities 20.
  - b. French: 10, 20, six hours advanced work.
  - c. German: 10, 20, six hours advanced work.
  - d. Latin: 11, 20, 42, two hours elective.
  - e. Spanish: 10, 20, six hours advanced work.
  - f. Mathematics: 10a, 10b, 11, six hours elective.
  - g. History: 10, 24a-24b, six hours of electives.
  - h. Social Studies: Teachers certified in Social Studies can teach history and social science. Students will be recommended for certification in this field upon satisfactory completion of History 24a-24b, six hours

of European history, Economics 20, Political Science 10a-10b, and Social Studies 30.

- i. Physical Sciences: Chemistry 10, Physics 20 and 21.
- j. Biological Sciences: Biology 18, 28a-28b, 38a-38b.
- k. Science: Teachers certified in science can teach physical and biological sciences. Students will be recommended for certification in this field upon satisfactory completion of Biology 18, Physics 20 and 21. Chemistry 10.

The combination fields in sciences and social studies are concessions to students experiencing difficulties in meeting all requirements for certification in the separate fields covered by these terms. At no time should the student seek certification in either social studies or sciences unless he is meeting all requirements in one of the divisions included in these fields, i.e., history or social science in the case of social studies, and biological or physical sciences in the case of science. Furthermore, social studies or science should be added only as a third field in which certification is being sought.

### B. Requirements in Professional Courses.

Professional Courses designed to meet Elementary Certification requirements.

The provisional college certificate may be issued to an applicant who has completed an approved four-year college curriculum in the elementary field including courses in education distributed as follows:

- 1. Introduction to Teaching
- 2. Education Psychology
- 3. Thirty semester hours of approved courses in the field of elementary education including 6 to 12 semester hours of elementary student teaching.
- Professional Courses designed to meet Secondary Certification requirements.
  - a. Education 20. Introduction to Education ........ 3 semester hours
  - b. Psychology 23. Educational Psychology .......3 semester hours (prerequisite: General Psychology)

Education 30. Educational Measurements

Education 31. History and Philosophy of Education

Education 41. Guidance for the Secondary School

Education 45. Visual and Sensory Techniques

Education 47. Principles and Techniques of Secondary School Teaching

Education 49. Special Methods

Any student desiring information concerning the requirements to teach in other states should contact the head of the Dept. of Education.

# Scholastic Record of Prospective Teachers

Students whose college work falls below the median grade of the College are strongly advised not to consider education as a profession. The College reserves the right to refuse such persons admission into education courses.

#### Placement Bureau

In order to give students the benefit of calls that are received for teachers and to render greater assistance in finding employment, the College provides for a Placement Bureau to keep on file records of students with their credentials for those who desire it. For registration with the bureau a fee of four dollars is charged payable in the Treasurer's Office. The services of the Placement Bureau will be available to graduates for two years after date of graduation by virtue of this fee. If any graduate desires further services beyond the two years following graduation, an additional fee of two dollars is charged for each year.

#### Future Teachers of America

As an integral part of the Education Department, the George D. Gossard Chapter of the Lebanon Valley College Future Teachers of America holds monthly meetings throughout the year.

The purpose of this organization is to enrich the offerings of the Education Department and to acquaint students with the practical problems of teaching.

The college chapter is affiliated with the National Education Association and the Pennsylvania State Educational Association.

Any student on the college campus interested in the teaching profession is eligible to join.

#### PRE-THEOLOGICAL

Advisers: Dr. Richie and Dr. Sparks

The following schedule is suggested for students planning to enter the Christian ministry:

First Year	Hours Credit	Second Year	Hours Credit
Religion 10a-10b or 11a-111 English 10a-10b Greek 1 Choice of: Biology 12 Chemistry 12 Orientation 11 Philosophy 10-11 Health and Physical Education 10	. 6 . 6	Religion 10a–10b or 11a–11b Humanities 20 Greek 10 Philosophy 20a–20b Psychology 20 Physical Education 20 Electives	6 6 6 3 2
Third Year  English 22 Philosophy 35a-35b Religion 31 and 32 History 24a-24b Greek 30 Social Studies 30 Electives	. 6 . 4 . 6 . 6	Fourth Year  Religion 42 Philosophy 30 Philosophy 31 Greek 40 Electives	3 3 6

Students are advised to elect such courses in philosophy, history, science, political science, sociology, English, economics, and education as will give a thorough, basic preparation for the advanced studies offered by the theological seminaries.

Students who plan to enter United Theological Seminary must have twelve or more hours credit in college Greek if they wish to elect Greek in the Seminary.

# Integrated Studies

#### 1. Statement of Aims

In harmony with a widespread trend among colleges, Lebanon Valley College is currently engaged in revising its program of studies. The key word for an understanding of this trend is integration—the subject matter of education so organized and so presented that the student is constantly aware of the interrelatedness of all knowledge. The ideal of integrated studies would be to construct for the student a broad highway over which he might travel in his pilgrimage toward his goal—a single avenue rather than the many little parallel paths over which he has formerly traveled under the departmentalized system of education. For obvious practical and administrative reasons, however, that ideal has not yet been attained in any college. Lebanon Valley College is neither ready, on the one hand, to abolish departments, nor, on the other hand to offer a single course that will embrace all knowledge. But we have attempted to organize the fundamental knowledge of a college education into three main courses; one embracing the sciences, one arts and letters, and a third the social studies. Plans to interrelate these three in terms of teaching techniques are still in the process of formulation.

The program of integrated studies, as offered at Lebanon Valley College, is designed to give the student an adequate conception of the nature of the physical universe in which he lives, a knowledge of the workings of physical laws, and some grasp of what is meant by the scientific method. It should awake in the student an intelligent interest in personal, family, social, and civic problems. It will not indeed provide ready-made answers to these problems, but it will give the student a better understanding of the problems, and an increased awareness of the historical backgrounds that brought these problems into being. It will present in an orderly fashion various rival views of life in the belief that the student, once aware of their differences. may intelligently shape his own attitudes. In addition to all this, it will provide the student with an enhanced appreciation of the highest reaches of the human spirit as found in literature, art, and music. Behind our plan of integrated studies is the fundamental premise that our students will go into the world not only to follow chosen professions, but also to be men and women; human beings confronted daily with the wide variety of choices in thinking and action which modern living entails. It is to prepare the student to live with himself and with others that we present these courses.

We wish to make it explicit at this point that we do not oppose specialization. For the student who has chosen his profession, integrated courses will provide the background on which later specialization may be built. In addition, by showing how his chosen subject fits into the pattern of the larger whole, it will make his specialization more meaningful and therefore more effective. For the student who is uncertain about his plans for the future, integrated studies will provide opportunity to explore wide areas of knowledge and experience, and will aid him in discovering his own aptitudes and interests. It will equip all students better to assume their responsibilities as members of their local communities and citizens of a democracy.

To achieve this we propose three fundamental courses to be required of all students:

The Sciences—a course which will acquaint the student with the nature of the physical universe. *In preparation; not given 1955-1956.* 

The Humanities—a course which will familiarize him, intellectually and emotionally, with his cultural heritage.

The Social Studies—a course which will provide him with the proper orientation with reference to the human relationships of the world in which he lives.

# 2. Divisional Organization

In order to provide these courses of integrated studies, cutting as they do across departmental lines, and in order to attain greater efficiency in administration, divisional organization has been initiated. Departments of study which fall within related areas of learning are organized into Divisions, each with a Director in charge. Three Divisions have been thus organized, and further extension of the system is contemplated.

The Humanities Division comprises the Departments of English, French, Spanish, German, Russian, Greek, Latin, Philosophy, and (as a Department in the College) Music.—Professor Struble, Director.

The Social Studies Division comprises the Departments of History, Political Science, and Sociology.—Professor Laughlin, Director.

The Division of Physical Education, Health, and Athletics—Required Physical Education and Hygiene, Teacher-Education, Intramural Sports, and Intercollegiate Athletics.

Each course in integrated studies is administered by the appropriate Division and differs from departmental courses in that it is not confined to one branch of knowledge, but incorporates subject matter from various Departments within the Division. By this means the student is enabled to coordinate his knowledge, one branch with another, the various branches with his chosen specialty, and with the problems of living in a complex environment.

# Courses of Study by Divisions

Humanities 20. Man's Quest for Values as Recorded in the Literature of the Western World.

Mr. Struble, Mr. Stonecipher, and Mr. Ehrhart Four hours. Throughout the year. Required of all sophomores.

A detailed study will be made of significant material from the ancient and modern literatures of continental Europe, and from English and American literature. The aim will be to trace the developing mind of man and the growth of his sense of aesthetic and ethical values. Attempts will be made, throughout the course, to show how developments in literature are paralleled by similar developments in art and music. To this end free use will be made of picture exhibits, slides, motion pictures, and phonograph records. One aim of the course will be to provide the student with genuinely aesthetic experiences.

Integrated Studies 30. Mrs. Laughlin, Miss Brumbaugh, Mr. Tom Four hours. Throughout the year. Required of all juniors.

This course is designed to provide the student with an understanding of the origins and operation of contemporary society. It will offer training helpful in making thoughtful appraisals of social situations, and it will integrate subject matter from the fields of history, economics, political science, and sociology by a study of the historical development and current functioning of institutions in these areas. Materials used will include library references, visual aids, and field trips.

Political Science 32. Contemporary World Affairs. Mr. Fehr Two hours. First or second semester.

The purpose of this one-semester course is to acquaint students with current developments in the field of public affairs, literature, science, religion, music, drama, art. Students are instructed in procedures useful in evaluation of material received through various media of communication, such as newspapers, radio, TV, filmstrips, recordings, and specialized publications. Special attention is given to broad domestic and international problems facing the United States. No prerequisite is required.

# Courses of Study by Departments

Note: If no year is indicated after a course, it is understood that the course is offered every year. In regard to courses that run throughout the year, there are two types of listings. If either semester may be taken as a separate unit, without the other semester, the course will be listed as a and b. For example, a student may take English 21b even though he has not had English 21a and does not expect to take it. But if no letter is indicated with the course number, the entire year's work must be taken if credit is expected, and a student may not enter the course at midyear.

#### BIOLOGY

Professors Light and Wilson Assistant Professor Bollinger and Assistants

The work outlined in the following courses in biology is intended to develop an appreciation of man's relation to his universe, to acquaint students with those fundamental facts necessary for the proper interpretation of the phenomena manifested by the living things with which they are surrounded, and to lay a broad foundation for specialization in universities in professional courses in biology.

Those completing the courses will be well prepared for the work in medical schools, schools for medical technologists, hospital schools for training of nurses, for graduate work in colleges and universities, for teaching the biological sciences in high schools, and for assistantships in university and experiment station laboratories in the departments of agriculture and the United States Biological Survey.

For outline of complete Pre-Medical Course, see page 63.

Major: Biology 18 and any additional courses of higher number, including laboratory work, in the department, amounting to twenty-four semester hours.

Minor: Biology 18 and ten semester hours from courses of higher number in the department.

Those preparing to teach biology should take Biology 18, 28a, 28b, 38a, 38b, and as many additional courses as their elective hours will permit.

12a-12b. General Biology (Cultural). Mr. Light and Mr. Bollinger
Four hours. Throughout the year.

Three class periods and two hours laboratory work each week.

This course is designed primarily for those students who do not intend

to major in the sciences. The cultural value of all the sciences is stressed, with the greater emphasis on the biological sciences. Laboratory fee \$10.00 per semester.

# 18a-18b. General Biology (Professional).

Mr. Wilson

Four hours. Throughout the year.

Two hours class work and two, two-hour laboratory periods each week. Required of all science students who are preparing to enter medical schools or other lines of professional biological work. In this course representative forms of plant life are studied the first semester and representative forms of animal life the second semester. Structure, and biological laws and principles are stressed. Laboratory fee \$10.00 per semester.

# 21. Microbiology.

Mr. Light

Four hours. First semester.

Two class periods and four hours laboratory work each week.

This course deals with the biology of bacteria, molds, yeasts, richettsias, and viruses, including laboratory technique in sterilization and in methods of cultivating, isolating, and staining bacteria.

Required of those preparing for medical technology. Laboratory fee \$10.00 per semester.

#### 22. Genetics.

Mr. Wilson

Four hours. Second semester. Offered 1956-1957.

Three class periods and two hours laboratory work each week.

This course deals with the mechanism and laws of heredity and variation, and their practical applications. Laboratory fee \$10.00 per semester.

### 23. Entomology.

Mr. Wilson

Four hours. First semester. Offered 1956-1957.

Two class periods and two, two-hour laboratory periods each week.

This course is designed to acquaint the student with the various orders of insects, their characteristics and life histories, and includes a study of their economic importance. Field trips and a carefully prepared collection of insects are supplementary to the classroom work. Laboratory fee \$10.00 per semester.

# 28a-28b. Botany.

Mr. Bollinger

Four hours. Throughout the year. Offered 1956-1957.

Two class periods and four hours field and laboratory work each week. The object of the course is to give the student a general knowledge of the plant kingdom. One or more types of each of the classes of algae, fungae, liverworts, mosses, ferns, and seed plants are studied.

Special attention is given to the phylogeny and ontogeny of the several groups, and constant comparisons are made of those structures indicating relationships. The principles of classification are learned by the identification of about one hundred and fifty species of plants represented in the local fall and spring flora. These studies are conducted in the field so that the plants are seen as dynamic forces adapted to their environment. Laboratory fee \$10.00 per semester.

31. Vertebrate Embryology.

Four hours. Second semester. Offered 1955-1956.

Mr. Wilson

Two class periods and two, two-hour laboratory periods each week.

This course consists of a survey of the principles of development, with laboratory work on the frog, chick, and pig.

Recommended to those preparing for medicine, medical technology, and nursing and for biology majors. Laboratory fee \$10.00 per semester.

32. Animal Physiology.

Mr. Light

Four hours. Second semester.

Two class periods and four hours laboratory work each week.

This course presents the basic concepts of physiology, with special reference to man.

Recommended to those preparing for medicine. Laboratory fee \$10.00 per semester.

33. Introduction to Forestry.

Mr. Bollinger

Four hours. First semester. Offered 1955-1956.

Two class periods and four hours of laboratory work each week.

In this course the student is taught to identify the common trees and shrubs. Special attention is given to their ecological importance also the importance of forest products such as fruits, wood, paper, resins as well as the distribution of trees in the United States. A collection of seeds and leaves when possible will be required of the various species studied. Laboratory fee \$10.00 per semester.

34. Plant Physiology.

Mr. Bollinger

Four hours. Second semester. Offered 1955-1956.

Two class periods and four hours of laboratory work each week.

A course designed to acquaint the student with the various functions of parts of plants. It includes lectures and experimental work on the processes of photosynthesis, nutrition, respiration, growth, the role of hormones, digestion, absorption, etc. Laboratory fee \$10.00 per semester.

38a-38b. Zoology.

Mr. Wilson

Four hours. Throughout the year. Offered 1955-1956.

Two lectures or recitations and two, two-hour periods each week of laboratory or field work.

The course is intended to acquaint the student with the structure, life history, and behavior of representatives of each phylum of animals. In the study of types, structure, function, and adaptation are given equal emphasis. The principles of phylogeny and ontogeny are considered.

The laboratory and class work is supplemented by field studies including observations of habits, ecological conditions, and the use of keys for identification and classification. Laboratory fee \$10.00 per semester.

42. Parasitology.

Mr. Wilson

Two hours. First semester. Offered 1955-1956.

Two lectures and demonstrations each week with ample use of suitable audio-visual teaching aids.

This course deals with the morphology and physiology of animal parasites and their relationships to history, to society, and to the individual.

Recommended for students preparing for medicine and for biology majors. Laboratory fee \$10.00 per semester.

# 44. Biological Problems.

Staff

Credit hours and time adjusted to the problem assigned.

Laboratory work with conferences.

This course is open to a limited number of students majoring in biology who have made a distinguished record in their previous courses. It consists in working out problems assigned to them involving a practical application of various methods of technique, originality of method and interpretation, and the development of the spirit of research. A weekly conference and report on the progress of the work will be required, and a detailed report including complete records of the work done must be presented before semester examinations. Laboratory fee \$10.00 per semester.

# 45. Vertebrate Histology and Microtechnique.

Mr. Wilson

Four hours. First semester. Offered 1955-1956.

Two class periods and two, two-hour laboratory periods each week.

This course deals with the cells, tissues, and organ systems of the vertebrate body, with special reference to the mammal, together with modern microtechnical procedures.

Recommended to those preparing for medicine and medical technology and to biology majors. Laboratory fee \$10.00 per semester.

# 48a-48b. Comparative Vertebrate Anatomy.

Mr. Wilson

Four hours. Throughout the year. Offered 1956-1957.

Two class periods and two, two-hour laboratory periods each week.

This is a comprehensive course on chordates, with emphasis on comparative morphology and progressive differentiation of the various organ systems.

The laboratory work includes dissection of amphioxus, the lamprey, the spiny dogfish, the haddock skull, necturus, the turtle, the pigeon, and the cat.

Recommended for those preparing for medicine, medical technology, and nursing, and for biology majors. Laboratory fee \$10.00 per semester.

# 49a-49b. Materials and Techniques for the Biology Teacher.

Mr. Light

Two hours. Throughout the year. Offered 1955-1956.

Two class or laboratory periods each week.

In the first semester this course is designed to acquaint students of the sciences with methods of obtaining, preparing, and preserving all kinds of biological materials, various types of tests and devices used in teaching, sources of equipment, lists of books and periodicals useful to science students and teachers, and the making of charts and models.

In the second semester will be studied the fundamentals of taxidermy, the preparation of skeletons, photography and lantern-slide making. Laboratory fee \$4.00 per semester.

#### CHEMISTRY

Associate Professor Neidig, Assistant Professor Amell, and Mr. Schneider

The department of chemistry provides the students of liberal arts, who study chemistry as an elective subject, with an appreciation of the methods and techniques employed by the chemist. In addition, the impact of physical science upon modern civilization is emphasized in an attempt to show the student how chemistry fits into

the mechanism of everyday life.

Students majoring in chemistry are rigorously schooled in the techniques and principles of modern chemistry. Coupled with a liberal arts education, such training prepares the student for a successful life both as a citizen and a scientist. Pre-medical and predental students majoring in chemistry follow a curriculum especially designed to meet the requirements of the best medical and dental schools. The department provides students interested in the teaching profession an opportunity to engage in a program which includes not only the study of chemistry but also various techniques of teaching chemistry. In addition adequate training is provided for those students who are interested either in industrial work or advanced study in chemistry.

Junior and senior chemistry majors are eligible to participate in the departmental honors program if they have demonstrated high scholastic attainment and a high degree of proficiency in both experimental and theoretical chemistry. In order to graduate with departmental honors, a student is required to (1) prepare and submit a thesis based on an extensive laboratory investigation of an original problem; (2) take a comprehensive examination and the graduate record examination; and (3) appear before an examining committee comprised of the staff of the department, a faculty member from the department in which the student has obtained a minor, and at least two academically qualified individuals from outside of the institution. Upon the successful completion of these requirements, the chairman of the department will recommend the student for graduation with departmental honors.

For outline of complete Pre-Medical Course, see page 63.

For outline of course leading to the degree of B.S. in Chemistry, see page 51.

Requirements for Major: Chemistry 10 (or 12 and 20), 21, 22

and 40 or 43a-43b.

Requirements for Minor: Chemistry 10 and 8 additional hours in chemistry or Chemistry 12 and 10 additional hours with the consent of the Chairman of the Department of Chemistry.

Requirements for B.S. in Chemistry: Chemistry 10 (or 12 and

20), 21, 22, 40 and 11 additional hours in chemistry.

# 10. General Inorganic Chemistry and Qualitative Analysis. Staff Five hours. Throughout the year.

First semester four class hours and four hours laboratory per week. Second semester three class hours and eight hours laboratory per week. The first semester covers fundamental chemical principles and the study of non-metallic elements. The second semester is devoted to the semi-micro separation and identification of cations and anions. Included in this study is the chemistry of metals and metallic ions as well as the theory of separation of cations. Laboratory Fee: \$12.00 per semester. Breakage deposit: \$5.00.

# 12. General Inorganic Chemistry.

Mr. Neidig

Four hours. Throughout the year.

Three class hours and two hours laboratory per week.

A systematic study of fundamental principles and of the sources, properties, and uses of the important elements and compounds.

Laboratory Fee: \$12.00 per scmester. Breakage Deposit: \$5.00.

# 20. Qualitative Inorganic Analysis

Mr. Schneider

Two hours. Throughout the year.

One class hour and four hours laboratory per week.

The course includes a study of the methods for systematically separating and identifying all of the common metals and acid radicals. The theory of separation will be emphasized in lecture.

Laboratory Fee: \$12.00 per semester. Breakage Deposit: \$5.00.

# 21. Quantitative Inorganic Analysis

Mr. Schneider

Two hours. Throughout the year.

Two class hours and eight hours laboratory per week. A coverage of the fundamentals of gravimetric, volumetric and colorimetric analysis. The presentation of the theory of quantitative analytical procedures.

Prerequisite: Chemistry 10 or 12 & 20. Laboratory Fee: \$12.00. Breakage Deposit: \$5.00.

# 22. Organic Chemistry.

Mr. Neidig

Four hours. Throughout the year.

Three class hours and four hours laboratory per week. A study of the preparation, chemical behavior and industrial use of aliphatic and aromatic compounds.

Prerequisite: Chemistry 10 or 12. Laboratory Fee: \$12.00 per semester. Breakage Deposit: \$10.00.

# 30. Advanced Quantitative Analysis.

Mr. Amell

Three hours. First semester. Offered 1955-1956.

One class hour and 8 (eight) hours laboratory per week. The study of the methods employed for the sampling and analysis of industrially important materials. The use of modern analytical instruments is illustrated in this course. The techniques involved include polarography, chromatography, spectrophotometry, polarimetry, spectrography, and potientiometry.

Prerequisite: Chemistry 21. Laboratory Fee: \$12.00. Breakage Deposit: \$5.00.

# 31. Qualitative Organic Analysis.

Three hours. Second semester. 1955-1956.

One class hour and eight hours laboratory per week. This course is concerned with the principles and methods of organic analysis. The laboratory work includes the identification of organic compounds, the separation of mixtures and the interpretation of laboratory data.

Prerequisite: Chemistry 22. Laboratory Fee: \$12.00. Breakage Fee: \$5.00.

### 34. Advanced Inorganic Chemistry.

Three hours. First semester. Offered 1956-1957.

Three class hours per week. A study of the elements based upon the periodic table including a presentation of modern concepts of atomic and molecular structure.

Prerequisite: Chemistry 21.

# 35a-35b. Laboratory Techniques.

One or two hours. Throughout the year. Offered 1956-1957.

A course designed to introduce the student to advanced laboratory methods by the preparation and analysis of inorganic and organic compounds. Laboratory Fee: \$16.00 per semester. Breakage Fee: \$10.00.

### 40. Physical Chemistry.

Mr. Amell

Mr. Neidig

Four hours. Throughout the year.

Three class hours and four hours laboratory per week. This course is concerned primarily with the rigorous approach to chemical principles. The use of physico-chemical methods is emphasized in the laboratory.

Prerequisites: Chemistry 21 and 22, Physics 20 and Mathematics 11. Laboratory Fee: \$12.00 per semester. Breakage Fee: \$6.00.

#### 41. Advanced Organic Chemistry.

Three hours. Second semester. Offered 1956-1957.

Two class hours and four hours laboratory per week. A study of the preparation and reactions of multi-functional, heterocylic and alicylic compounds including a fundamental approach to reaction mechanisms. Laboratory Fee: \$12.00. Breakage Fee: \$10.00.

### 43a-43b. Physical Bio-Chemistry.

Mr. Amell

Three hours. Throughout the year.

Three class hours per week. A course designed especially for pre-medical, biology and biochemistry students to present the physical chemistry of living systems.

Prerequisite: Chemistry 22.

# 44a-44b. Special Problems.

Staff

One or two hours. Throughout the year. Offered 1955-1956.

Intensive library and laboratory study of topics of special interest to advanced students in the major fields of chemistry. Laboratory Fee: \$16.00 per semester. Breakage Fee: \$10.00.

#### ECONOMICS AND BUSINESS ADMINISTRATION

Associate Professor Riley, Assistant Professors Tom, Egli

The department aims to give students majoring in Economics and Business Administration a thorough training in the essential principles and fundamentals of business and economics and at the same time to offer sufficient electives to provide students preparing for a business career, government civil service, the teaching profession, law schools or graduate schools, with a general cultural education.

For an outline of the complete course in Economics and Business

Administration see page 52.

Major: Economics 20 and 23 and 18 additional hours in economics as approved by the adviser. (These additional hours should include Economics 35, 36, 40-2, 48.) Economics 20 is a prerequisite for all courses in Economics except 10, 11, 23, and 32.

Minor: Economics 20 and 12 additional hours in economics with the consent of the chairman of the Department of Economics and

Business Administration.

#### **ECONOMICS**

10. Economic Geography.

Three hours. First semester.

Mr. Tom

The course deals with the field and function of economic geography; distribution of population; the earth; land forms; influence of soils; temperature; winds and ocean currents; climates of the world. Much of the course will deal with the more important commodities of the world's trade—their production, export, and import in the various countries of the world. Stress will be laid on the chief sources of raw materials and their industrial uses and the marketing and transportation problems connected therewith.

11. Introduction to American Business and Industry. Mr. Tom

Three hours. Second semester.

This course presents an understanding of our present business set-up. It makes an analysis of our business system as a whole and of its various divisions, and presents business in its relations to the broader aspects of our national life. It provides a background for the more specialized business courses that follow. The course is valuable to all students, whether or not they are majoring in business.

20. Principles of Economics. Mr. Tom and Mr. Riley

Three hours, Throughout the year.

An introductory course in Economics designed to explain the fundamental principles of underlying economic theory. It treats on the subject matter of economics: productive enterprise; income and consumption; value theories; money and prices; functional and institutional distribution of wealth and income; foreign exchange; international economic relations. Prerequisite for courses of a higher number within the Department of Economics.

## 23. Principles of Accounting.

Four hours. Throughout the year.

Mr. Riley

A course in accounting principles and their application in business to single proprietorships, partnerships, and corporations. Books of original entry; accounts; financial statements; columnar books; controlling accounts; departmental accounting; the voucher system; partnership and corporation accounting; elements of cost and manufacturing accounting; agencies and branches; consolidations and mergers.

## 30. Intermediate Accounting.

Mr. Riley

Three hours. First semester, in alternate years. Offered 1956-1957.

Continued study of the general principles and practices of accounting combined with application of these principles to institutional, governmental, and managerial accounting. Problems of system installations and accounting for taxation and the preparation and interpretation of statements and reports are also studied.

Prerequisite: Accounting 23.

## 31. Advanced Accounting.

Mr. Riley

Three hours. Second semester. Alternate years. Offered 1956-1957.

Accounting for joint ventures; installment sales; consignments; agency and branch accounts; consolidated statements, including corporate combinations; receiverships; estates and trusts; actuarial science and applications.

Prerequisite: Accounting 30.

### 32. Business Law.

Mr. Egli

Three hours. Throughout the year. Alternate years. Offered 1956-1957.

A course dealing with the elementary principles of law generally related to the field of business, including contracts, agency, sales, bailments, insurance, and negotiable instruments.

#### 34. Retailing and Sales Management.

Mr. Tom

Three hours. First semester, in alternate years. Offered 1956-1957.

Organization of the sales department; study of the product and the buyer; problems of procurement; selection and training and motivation of the sales force; advertising and sales promotion; media; dealer aids; displays; trade marks; slogans; packaging; copy and layout; reports; costs and control. Demonstrations and practice in selling techniques and formulation of advertising campaigns.

### 35. Marketing.

Mr. Tom

Three hours. Second semester, in alternate years. Offered 1956-1957.

Methods and policies of the marketing of agricultural products and the merchandising of manufactured commodities; meaning and importance of marketing distribution; marketing functions; trade channels; development of marketing methods; co-operative marketing; price policies; trade information; market analysis; merchandising costs and prices; an analysis of the merits and defects of the existing distributive organization.

36. Money and Banking. Mr. Tom and Mr. Riley
Three hours. First semester, in alternate years. Offered 1955-1956.

This course deals with the nature and functions of money; monetary standards and systems; monetary development in the United States; the National banking system; the structure and functions of the Federal Reserve System; commercial banking; credit and its uses; credit control.

37. Public Finance. Mr. Tom and Mr. Riley
Three hours. Second semester, in alternate years. Offcred 1955-1956.

Economic functions of the state; federal and state expenditures; economic and social aspects of public spending; budgetary control; nature of taxation and distribution of the tax burden; the shifting and incidence of taxes; the general property tax; estate and inheritance taxation; sales taxes; personal and corporate income taxes; the excess profits tax; social security taxes; other taxes and administrative revenues; problems of the tax system; public debts and their redemption.

38. International Economics.

Mr. Tom

Three hours. Second semester, in alternate years. Offered 1956-1957.

This course includes the study of international trade; foreign exchange; protectionism; and the economic interdependence of nations. Current international economic problems will be studied.

40-1. History of Economic Thought. Mr. Tom and Mr. Riley
Three hours. First semester, in alternate years. Offered 1955-1956.

The evolution of economic thought through the principal schools from the Physiocrats to the present, giving special attention to the analysis of current theories of value, interest, rent, and wages. Required readings in the works of Adam Smith, Malthus, Ricardo, J. S. Mill, Karl Marx, Böhm-Bawerk, Gide, Alfred Marshall, Rist, Haney, John M. Keynes, and others.

**40-2.** Contemporary Economic Problems. Mr. Tom and Mr. Riley Three hours. Second semester, in alternate years. Offered 1955–1956.

This course is for Juniors and Seniors. The course will be conducted largely through Seminar discussions, readings and papers on current economic problems. It is designed to enable the student to apply principles of Economics (Econ. 20) toward the solution of current problems and to develop the power of critical analysis.

42. Income Tax Accounting.

Three hours, First semester, in alternate years. Offered 1955-1956.

An analysis of the Federal Income Tax Law and its applications to individuals, partnerships, fiduciaries, and corporations; case problems; preparation of returns.

Prerequisite, Accounting 23, or consent of instructor.

43. Cost Accounting. Mr. Riley

Three hours. Second semester, in alternate years. Offered 1955-1956.

A study of industrial accounting from the viewpoint of material, labor,

and overhead costs; the analysis of actual costs for control purposes and for determination of unit product costs; assembling and presentation of cost data; selected problems.

Prerequisite: Economics 23.

44. Corporation Finance.

Mr. Riley

Three hours. First semester, in alternate years. Offered 1956-1957.

Economic services of corporations; capitalization; detailed study of stocks and bonds; financing of extensions and improvements; management of incomes and reserves; dividend policy; insolvency; receiverships; reorganizations.

Prerequisite: Economics 23.

#### 45. Investments.

Mr. Riley

Three hours. Second semester, in alternate years. Offered 1956-1957.

The course deals with the development and place of investment in the field of business and its relation to other economic, legal, and social institutions. The fundamental principles are presented along with a description of investment machinery. An analysis is made of the various classes of investments.

## 46. Economics of Transportation.

Mr. Tom

Three hours. First semester, in alternate years. Offered 1956-1957.

The various types of transportation systems and services; costs; regulation by State and Federal governments; rates and rate technique; valuation and rate of return; combinations; labor in the transport industries; public aids to the transport industries; and government ownership.

#### 48. Labor Problems

Mr. Riley

Three hours. First semester, in alternate years. Offered 1955-1956.

The nature of the labor problem; the rise of industry and labor; the new technology and the wage earner; unemployment; the problem of child and woman labor; hours of labor; industrial accidents; unemployment insurance; old age pensions; economic program of organized labor; industrial conflict; agencies of industrial peace; modern industrial policies; international control of labor relations.

## 49. Personnel Administration and Industrial Management.

Mr. Riley

Three hours. Second semester, in alternate years. Offered 1955-1956.

The nature and problems of business administration and management; personnel policies and practices; techniques in organizing, planning, performance, supervision, budgeting, and control. Recruitment and training; employee evaluation and placement; labor wage scales and turnover; factors of harmonious employer-employee relations; efficiency records and incentives; time and motion study; work simplification; standards; office management.

#### **EDUCATION**

PROFESSOR McKlveen, Assistant Professor Ebersole, Assistant Professor Bowman, and Mr. Batchelor

The major aim of the Education Department is to develop teachers that have learned to appreciate the value of the teaching profession. Students are made aware of the responsibilities of the profession and are encouraged to accept those obligations.

The department endeavors to present, by its instruction, better techniques of teaching as well as prevailing principles of education.

Courses are provided to comply with state certification in the elementary field as well as the secondary level of public school teaching.

For a statement of requirements for those planning to enter the teaching profession, see page 67.

- A. The following will be offered to meet certification in all areas:
- 20. Introduction to Education (Required for elementary and secondary)

  Mr. McKlveen

Three hours. First semester. Freshman or sophomore year.

An introduction to the field of education through the study of the American educational system, the place of the school in society, the training and function of the teacher.

- Educational Psychology (Required for elementary and secondary) See page 112.
- 30. Educational Measurements. (Recommended elective in elementary and secondary)

  Mr. Ebersole

Three hours. First semester.

In this course the student studies principles of validity and reliability, appraises and constructs test items and considers the uses of test results.

Prerequisite: Psychology 20. Laboratory fee of one dollar.

45. Visual and Sensory Techniques. (Recommended elective in elementary and secondary)

Mr. McKlveen

Three hours. Second semester.

Psychological bases for sensory aids; study and appraisal of various aids; use of apparatus; sources of equipment and supplies. Laboratory fee of four dollars.

#### B. ELEMENTARY EDUCATION

12. Professional Orientation and the Elementary School Curriculum.

Mr. Ebersole

Three hours, Second semester,

A study of curriculum development in elementary education in relation

to aims, content, school organization, controversial issues, and trends throughout the history of education. It includes constitutional and statutory aspects of school law and the legal status of the teacher.

#### 21. Introduction to Music

Three hours. First semester.

A course planned for teachers expected to teach music in the elementary grades. Content of the course will include; fundamentals of music for purpose of reading music, movement to music, study of child voice, study of what to include in teaching on the different grade levels, the methods of teaching it, and a survey of the literature used in the public schools for this purpose.

#### 22. Teaching of Music

Three hours. Second semester.

The second semester will continue with the content of first semester course No. 21 on more advanced level, with an added emphasis on the teaching of music in elementary grades.

## 23. Teaching of Natural Science.

Mr. Ebersole

Three hours. First semester.

A course combining the methods of teaching science in the elementary school with a survey of the science content material and its use. It presents an interpretation of children's science experiences and guides the development of their scientific concepts.

### 24. Exploring Art.

Mr. Batchelor

Three hours. Second semester.

A course designed to help the prospective teacher acquire the fundamental principles and techniques of art and to apply them to the needs of children in the elementary grades. It is intended to give experience in working with various media such as paper, metal, cardboard, wood, clay, tempera, water colors, and oils. It includes drawing, the elementary principles of design, lettering, composition, and color harmony, and their application to home, school, and community interests. It involves discussion of classroom problems with workshop experience in the efficient handling of materials. It aims to develop appreciation of art and to give the student a practical application of art for the classroom. Laboratory fee \$1.50.

# 31. Teaching of Arithmetic.

Mr. Ebersole

Three hours. First semester.

This course presents the historical development of mathematics, the results of educational research in the field, and methods of teaching. It acquaints the student with the use of child psychology in the development of functional arithmetic, diagnostic methods, and remedial instruction.

# 32. Teaching of Art.

Mr. Batchelor

Three hours. First semester.

This course will help the student gain an understanding of the child's approach to art, and his changing needs for artistic expression. It parallels

growth in creative and mental development. It includes methods used for different age levels and classroom situations, and the development of work units integrating art with other subject-matter areas. It acquaints students with the sources of art materials, their selection and evaluation. Lesson plans are arranged in accordance with the natural development of the child. Laboratory fee \$1.50.

# 33. Teaching of Social Studies.

Mr. Ebersole

Three hours. Second semester.

A study of the principles underlying the use of social studies in the elementary school, and desirable methods of teaching.

# 40. Student Teaching. (See below.)

# 41. Teaching of Reading and Language Arts. Mr. Ebersole Three hours. First semester.

This course deals with the principles, problems, materials, and techniques involved in teaching reading, speaking, listening, and writing in the elementary schools.

## 43. Health and Safety Education.

Miss Bowman

Three hours. Second semester.

Instruction in basic health facts, safety procedures in everyday life, and evaluation of commercialized materials as visual aids. The course also familiarizes the student with teaching methods and materials.

#### C. SECONDARY EDUCATION

# 31. History and Philosophy of Education.

Mr. McKlveen

Three hours. First semester.

The purpose of this course is to develop an understanding of the three major philosophies, idealism, realism, and pragmatism and to interpret those philosophies as they apply to the student, the teacher, and the administrator.

The aims and theories of educational leaders will be analyzed as well as the contents, and organization of educational systems and practices.

Recommended as an elective in Education.

#### 40. Student Teaching.

Mr. McKlveen

Six hours. First or second semester. Open to seniors only except by permission of the Head of the Department.

This course is designed to meet the following Pennsylvania certification requirement.

The minimum in student teaching is based on not less than one hundred eighty clock hours of actual teaching under approved supervision, including the necessary observation, participation and conference.

The Lebanon Valley College Student Teaching Program consists of twelve weeks of teaching and observing in the public schools. Seniors will please arrange their schedules in order that they might have three consecutive hours free every day.

Seven conference hours held on campus are also part of the program. Students having an average less than C during their first three years in college will not be admitted. A laboratory fee of \$40.00 is charged.

Summer Student Teaching Program

Six hours. Six weeks of student teaching in the Derry Township Public Schools of Hershey, Pennsylvania.

For information concerning the Summer Student Teaching Program see the head of the Education Department or Director of Admissions.

# 41. Principles of Guidance Organization and Administration.

Mr. Ebersole

0

Three hours. Second semester.

The purpose of this course is to acquaint the student with the fundamental principles underlying the administration of guidance programs.

Laboratory fee of one dollar.

# 47. Principles and Techniques of Secondary School Teaching. Mr. McKlyeen

Three hours, Second semester,

A study of principles, practices and methods with their significance to secondary school teaching.

## 49. Special Methods

Mr. McKlveen

Three hours. Second semester. Open only to seniors.

The course covers the various approaches that may be employed in teaching. Emphasis is primarily placed on methods. Techniques of teaching are demonstrated, classroom observations are made in the public schools and successful high school teachers are invited to the class to share their methods of teaching.

#### DRAWING

# 10. Engineering Drawing.

Mr. Grimm

Three hours. Second semester.

Use of drawing instruments, lettering, sketching, orthographic projection, perspective drawing, working drawings, tracing and blue printing.

#### **ENGLISH**

Professor Struble, Assistant Professors Keller, Dunkle, and Bowman

The purpose of the Department of English is to afford students a vital contact with the literature of our language, and to assist them to write and speak effectively.

Major: Beyond the required course in freshman English (10a-10b) and the required Humanities 20, English majors will take 21a, 30a-30b, 31, 32, 35, 49, and two hours of electives.

Minor: Beyond the required course in freshman English (10a-10b) and the required Humanities 20, English minors will take 21a and 31.

01. Remedial English.

Miss Turner

Two hours. No credit, First and second semesters.

An intense review carried out by group discussion and individual conference of the fundamentals of English grammar, punctuation and basic sentence structure. Advance permission for enrollment must be had from both the appropriate Dean and the instructor in charge of the course.

10a-10b. English Composition.

Mr. Keller, Miss Dunkle, Mrs. Bowman

Three hours. Throughout the year. Required of all students.

The purpose of this course shall be the cultivation in the student of those principles of grammar, logic, rhetoric, and mechanics which enable men to communicate effectively with each other in the English language. The goal will be sought through a combination of structural analysis of pattern as well as constant practice in the various media of composition.

11a-11b. Word Study.

Mr. Struble

One hour. Throughout the year.

This course will have a two-fold purpose: (1) to give the student some insight into linguistic processes, particularly as pertains to the growth of the English vocabulary, and (2) to increase the range of the student's vocabulary, in order that he may have greater mastery over his own native tongue. Attention to problems of pronunciation and spelling will go hand in hand with vocabulary building.

Humanities 20. The Humanities: Man's Quest for Values as Recorded in the Literature of the Western World.

See page 73

See page 73.

Mr. Struble, Mr. Stonecipher, Mr. Ehrhart, Miss Dunkle Four hours. Throughout the year.

21a. American Literature: From the Beginnings to the Civil War.

Three hours. First semester.

Mr. Struble

An attempt, through the study of native authors, to see in perspective the evolving American mind; to observe how Puritanism, the Cavalier spirit, and the Romantic Movement have contributed to making us what we are; and to understand the spiritual resources of which we are the heirs.

21b. American Literature: From the Civil War to the Present Day.

Three hours. Second semester.

Mr. Struble

22. Public Speaking.

Mrs. Bowman

Two hours. Each semester.

Study and application of the basic principles of public speaking. Composition and delivery of prepared speeches for a variety of speech situa-

tions; analysis of the special problems involved. Special emphasis on principles and technique of composing and projecting; audience psychology; and practical training in diction and platform presence. Required of all prospective teachers.

# 23. Advanced Composition.

Mr. Struble

Two hours. First semester.

Principles and techniques of the short story, drama, and novel for students interested in creative writing. Extensive practice in the field of the student's special interest.

# 24. Contemporary American Literature.

Mrs. Bowman

Two hours. Second semester. Offered 1955-56.

A study of American thought as it is expressed in the literature produced in America since World War I.

30a. Shakespeare.

Miss Dunkle

A survey of English drama from its beginnings to the time of Shakespeare; a study of Shakespeare's history plays and their place in the Elizabethan world; and an analysis of Shakespearean comedy.

20b

Miss Dunkle

A study of Shakespeare's tragedies, problem comedies, and romantic comedies.

# 31. History of the English Language.

Mr. Struble

Three hours. First semester.

Historical study of English sounds, inflections, and vocabulary. Standards of correctness; current usage. Required of all prospective teachers of English composition.

#### 32. Chaucer.

Mr. Struble

Two hours. Second semester.

This course has a three-fold purpose: 1) to give the student a reasonable familiarity with the works of one of England's greatest poets; 2) to provide a detailed picture of mediacval life, culture, and thought; and 3) to develop skill in the reading of earlier English.

#### 33. Literature of the Victorian Period.

Miss Dunkle

Two hours. Second semester. Offered 1956-1957.

An intensive survey of the major English poets and prose writers from 1830 to 1900.

# 35. Poetry of the Romantic Movement.

Mr. Keller

Two hours. First semester.

An intensive study of the principal poets of the early nineteenth century: Wordsworth, Coleridge, Byron, Shelley, and Keats.

#### 37. Contemporary Drama.

Miss Dunkle

Two hours. First semester. Offered 1955-1956.

A survey of Continental, British, and American drama since 1890.

38. The Novel.

Mr. Keller

Two hours. Second semester. Offered 1955-1956.

A study of the development of the novel in England from Richardson to Joyce.

40. Eighteenth Century Literature.

Mr. Keller

Two hours, Second semester. Offered 1956-1957.

A rapid survey of the principal English authors from Dryden to Blake in an effort to indicate the way in which the work and thought of these writers have influenced modern life and literary traditions.

49. Seminar in the History of English Literature.

Three hours. Second semester.

Mr. Struble

Required of all English majors in their senior year; elective for English minors. Intensive review of the student's earlier work in English; systematic coverage of the gaps in the student's knowledge of the field.

Methods of Teaching English. See Education 49.

## FOREIGN LANGUAGES

PROFESSORS STONECIPHER AND RICHIE, ASSISTANT PROFESSOR FRANK, Mrs. FIELDS

The immediate aim of this department is to assist the student to acquire a working knowledge of the language or languages which he chooses to study, such as will enable him to proceed to more advanced study or to make practical use of it in other fields. The ultimate aim is to foster a broader and more sympathetic culture through the study of foreign literatures and contact with the life and thought of other peoples.

Major: The student may elect a major in some one language, as indicated below, or a departmental major. The departmental major shall consist of at least eighteen hours, above the beginner's level, in some one language and at least twelve hours in a second language.

Minor: See listings under the separate languages below.

#### FRENCH

Major: Courses 10, 20, 30 and 40 or 41.

Minor: Courses 10, 20, and six additional hours of advanced work.

Those preparing to teach French should take French 10, 20, and six additional hours of advanced work.

1. Elementary French.

Mrs. Frank

Three hours. Throughout the year.

This course is intended for those who begin French in college. Its aim is to enable the student to write simple French sentences, to carry on a conversation in easy French, and to read French of ordinary difficulty.

#### 10. Intermediate French.

Three hours. Throughout the year.

Mrs. Frank

This is a continuation and extension of course 1, and includes further drill in the principles of grammar, practice in conversation, composition, and dictation, and more extensive reading.

Prerequisite: Course 1 or 2 years of high school French.

## 20. French Literature of the XVI and XVII Centuries.

Mrs. Frank

Three hours. Throughout the year. Offered 1956-1957.

A survey of French literary history from the Renaissance to the end of the period of absolute Classicism. Composition and conversation.

## 30. French Literature of the XVIII and XIX Centuries.

Mrs. Frank

Three hours. Throughout the year. Offered 1955-1956.

A continuation of the preceding survey, beginning with the Quarrel of the Ancients and Moderns. Composition and conversation.

## 40. The French Novel.

Mrs. Frank

Three hours. Throughout the year. Offered 1956-1957.

A study of the development of this genre in France, special attention being given to the later XIX Century and contemporary novels. Composition and conversation. Courses 20 or 30 are prerequisite to this course.

#### 41. French Drama.

Mrs. Frank

Three hours. Throughout the year. Offered 1956-1957.

A study of the evolution of the drama in France with extensive reading of XVII, XVIII, and XIX Century plays. Composition and conversation. Courses 20 or 30 are prerequisite to this course.

#### GERMAN

Major: Course 10 and eighteen additional hours.

Minor: Course 10 and twelve additional hours.

# 1. Elementary German.

Mr. Stonecipher

Three hours. Throughout the year.

For students with no previous knowledge of German. A study of the forms, syntax, and vocabulary of the language, accompanied by reading of simple German and exercises in pronunciation and conversation.

#### 10. Intermediate German.

Mr. Stonecipher

Three hours. Throughout the year.

This course is a further study of the language through selected readings, especially of the short story, accompanied by additional study of grammar and written and oral composition. Attention is also given to the historical and cultural background of the German people.

Prerequisite: Course 1 or two years of high school German.

#### 11. Scientific German.

Three hours. Second semester.

Mr. Stonecipher

This course is designed to familiarize the student with the style and vocabulary of German scientific writing. Selected articles dealing with the various sciences are read for the purpose of gaining facility in reading and accuracy of interpretation.

May be taken in lieu of second semester of Course 10.

# 22. Lessing and Schiller.

Mr. Stonecipher

Three hours. Throughout the year. Offered 1956-1957.

Introduction to the classical period of German Literature.

## 30. The German Drama.

Mr. Stonecipher

Three hours. Throughout the year. Offered 1956-1957.

Theory and development of the German drama with special emphasis on the nineteenth century.

# 40. The German Novel and Short Story.

Mr. Stonecipher

Three hours. Throughout the year. Offered 1956-1957.

Theory and development of the novel and short story with special emphasis on the nineteenth century.

## 41. Goethe.

Mr. Stonecipher

Three hours. Throughout the year. Offered 1956-1957.

A study of Goethe's life, of his lyrics, ballads, prose works.

#### GREEK

Major: Courses 1, 10 and twelve additional hours.

Minor: Courses 1, 10 and six additional hours.

# 1. Elementary Greek.

Mr. Richie

Three hours. Throughout the year.

Study of forms and syntax, with easy prose composition. Selections from Xenophon's *Anabasis*. This course is intended for students who enter college with no Greek.

#### 10. Intermediate Greek.

Mr. Richie

Three hours. Throughout the year. Offered 1955-1956.

Xenophon: Selections previously unread. Selected Readings from the Gospel According to John.

Prerequisite: Greek I.

# 30. The Gospel According to Luke and Selected Readings.

Three hours. Throughout the year. Offered 1956-1957. Mr. Richie Prerequisite: Greek 1 and 10.

# 40. Readings from the Book of Acts and the General Epistles.

Three hours. Throughout the year. Offered 1956-1957. Mr. Richie Prerequisite: Greek 1 and 10.

#### LATIN

Note: Courses listed below will be given when there is sufficient demand.

#### 10. Subfreshman Latin.

Mr. Stonecipher

Three hours. Throughout the year.

For those who have had two years of preparation. Reading of high school grade, syntax, and composition.

#### 11. Freshman Latin.

Mr. Stonecipher

Three hours. Throughout the year.

The reading of Sallust's Catiline, Cicero's De Senectute or De Amicitia, and selections from Pliny's Letters. Study of syntax from text and grammar; Roman life and institutions; graded exercises in prose composition.

# 20. Readings from Livy, Horace, and Catullus. Mr. Stonecipher Three hours. Throughout the year.

Study of syntax, style, and the history of Latin literature. Latin 11 prerequisite.

#### 31. Vergil.

Mr. Stonecipher

Three hours. Second semester.

Readings from Books VII-XII of the Aeneid and other works of Vergil. Latin 20 prerequisite.

#### **SPANISH**

Major: Courses 10, 20, 30, and 40.

Minor: Courses 10, 20, and six additional hours of advanced work.

# 1. Elementary Spanish.

Mrs. Frank

Three hours. Throughout the year.

This course is intended for those who begin Spanish in college. Its aim is to enable students to write simple Spanish sentences, to carry on a conversation in easy Spanish, and to read Spanish of ordinary difficulty.

# 10. Intermediate Spanish.

Mrs. Fields

Three hours. Throughout the year.

This is a continuation and extension of course 1 and includes further drill in the principles of grammar, practice in conversation, composition, and dictation, and more extensive reading.

Prerequisite: Course 1 or two years of high school Spanish.

20. Spanish Literature of the Nineteenth Century. Mrs. Fields Three hours. Throughout the year. Offered 1955-1956.

Survey of Spanish literature from the Middle ages to the present with emphasis upon the nineteenth century. Composition and conversation.

Spanish Literature of the Nineteenth and Twentieth Centuries. Mrs. Fields

Three hours. Throughout the year. Offered 1956-1957.

A continuation of Course 20. Composition and conversation.

40. Spanish Literature of the Sixteenth and Seventeenth Mrs. Fields Centuries.

Three hours. Throughout the year. Offered 1956-1957.

Reading of outstanding authors of seventeenth and eighteenth centuries, with emphasis upon Cervantes, Lope de Vega and Calderon. Composition and conversation.

#### **GEOGRAPHY**

#### Professor Laughlin

10a-10b. World Geography.

Mrs. Laughlin Three hours. Throughout the year. Not offered 1955-1956.

The purpose of this basic course in geography is to develop a knowledge and an appreciation of the worldwide physical factors in man's environment and of his adjustment to them. The course will include a study of the motions of the earth, land forms, bodies of water, soil, climate, vegetation, with special emphasis on man's political, economic, and social responses to them.

## GEOLOGY

#### PROFESSOR LIGHT

20a-20b. Structural and Historical Geology.

Mr. Light

Two hours. Throughout the year. Offered 1956-1957.

Two class or laboratory periods each week.

First semester-structural geology. A course designed to acquaint the student with the forces and dynamic agencies by which the earth has been formed and evolved into its present condition.

Second semester-historical geology. This course deals with the probable location of land and sea areas of each of the various geologic periods, and the development of the plants and animals which lived during these periods as identified by their fossil remains. Laboratory fee \$5.00 per semester.

#### GENERAL EDUCATION

See Integrated Studies, page 73.

#### GERMAN

See Foreign Languages, page 92.

See Foreign Languages, page 93.

#### HEALTH AND PHYSICAL EDUCATION

The aim of this department is to develop the student's physical capacity and to maintain his health by encouraging his participation in an all-round program.

In order that the student may gain the fullest benefit from the department's program, a physical and medical examination, including postural and tuberculin tests, under competent physicians, will be required of all entering students.

It is strongly recommended that all entering students undergo a thorough visual examination. The health laws of Pennsylvania require successful vaccination against smallpox.

All freshmen and sophomores are required to take two hours of Physical Education a week throughout the year, for which one semester hour's credit will be given each semester. All sophomore men must successfully pass skill and knowledge tests in two team sports and four individual sports before the physical education requirement is complete.

In the field of physical education and health, emphasis will be placed on theory, through the professional courses, and practice, through the activity courses.

# REQUIRED PHYSICAL EDUCATION FOR MEN ASSISTANT PROFESSOR MARQUETTE

# 10. Health, Physical Education and Hygiene for Men.

Two hours. Throughout the year.

The health aims of this course are to give the student adequate knowledge of hygiene and to encourage proper attitudes towards his personal health.

The physical education activities in the first semester are: touch football, soccer, volleyball, handball, squash, badminton, and basketball.

The physical education activities in the second semester are: basket-ball, handball, squash, badminton, softball, trampoline, and weight-lifting.

# 20. Physical Education for Men.

Two hours. Throughout the year.

First Semester: Advanced instruction, practice and testing in touch football, soccer, volleyball, handball, squash, badminton, and basketball.

Second Semester: Advanced instruction, practice and testing in basketball, handball, squash, badminton, softball, tennis, track and field, trampoline, and archery.

# 11. Corrective and Adaptive Physical Education for Men.

Two hours. Throughout the year.

Special activities for those students who have a physical handicap or deficiency. (Not open to students qualified for Health and Physical Education 10.)



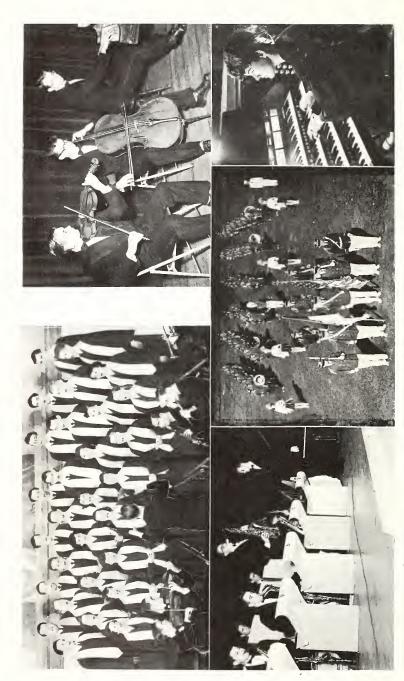
VALUABLE PERSONAL CONTACT BETWEEN PROFESSOR AND STUDENT IS A CHARACTERISTIC OF THE SMALL COLLEGE

"FREEDOM THROUGH TRUTH," THE COLLEGE MOTTO, IS THE GUIDE POST IN LABS AND CLASSROOMS



FROM THE LIBERAL ARTS COLLEGE COME MANY OF THE NATION'S LEADERS IN SCIENCE, INDUSTRY, EDUCATION AND GOVERNMENT





STUDENTS ACQUIRE VALUABLE MUSICAL EXPERIENCE IN THE VARIOUS VOCAL AND INSTRUMENTAL CONCERT GROUPS AND IN RECITAL APPEARANCES

# 21. Corrective and Adaptive Physical Education for Men.

Two hours. Throughout the year.

Special activities for those students who have a physical handicap or deficiency. (Not open to students qualified for Physical Education 20.)

# PHYSICAL EDUCATION FOR WOMEN

# Assistant Professor Bowman

Students are required to wear the regulation gymnasium outfit which can be purchased at the college bookstore.

# 10. Health, Physical Education and Hygiene for Freshmen Women. Two hours. Throughout the year.

First Semester: Fundamental skills and practice in field hockey, soccer, archery, volleyball, stunts and tumbling, and marching; corrective postural exercises.

Health: This course aims to give the student adequate knowledge of hygiene and to encourage proper attitudes towards her personal health. Second Semester: Fundamental skills and practice in basketball, soft-

ball, tennis, and Folk and American square dancing.

# 20. Physical Education for Sophomore Women.

Two hours. Throughout the year.

First Semester: Advanced skills and practice in field hockey; fundamental skills and practice in speedball, golf, archery, volleyball, apparatus;

conditioning exercises.

Second Semester: Advanced skills and practice in basketball and softball. Funadmental skills and practice in individual sport activities: tennis, riding, shuffleboard, badminton, bowling, handball, squash, ping pong, quoits, and interpretive dancing.

- 11. Corrective and Adaptive Activity Class for Freshmen Women. (Not open to students registered in 10 and 20.)
- 21. Corrective and Adaptive Activity Class for Sophomore Women. (Not open to students registered in 10 and 20.)

A corrective and adaptive activity class will be offered for those students who are unable to participate in active exercise. This class will include relaxing recreational activity. Therefore, all students will be required to participate in some phase of the physical education program.

# PROFESSIONAL COURSES IN HEALTH AND PHYSICAL EDUCATION FOR WOMEN

The department aims to give students majoring in Health and Physical Education for women a well-balanced program that will provide adequate professional training through the professional courses and at the same time offer sufficient courses in the liberal arts and sciences to give the student a broad cultural education.

# 12. Personal and Community Hygiene.

Three hours, First semester, Three hours credit,

This course prepares the student to meet intelligently problems in personal and community health. It familiarizes the student with the background and contributions of voluntary and public health agencies. Students are required to evaluate materials from various agencies concerned with health. Preparation of lesson plans and actual student teacher procedures are presented in this course.

### 13a-13b. Fundamentals of Sports Activity.

Three hours. Throughout the year. Two hours credit.

Instruction and experience in the fundamentals and rules of fall, winter, and spring sports. First semester: hockey, volleyball; Second semester: basketball, softball, field and track.

#### 14. Gymnastics.

Three hours. First semester. One hour credit.

This course includes instruction in the fundamental skills and experience in marching, stunts and tumbling, pyramid building, and Swedish calisthenics; study of related nomenclature; practice of safety procedures in gymnastics.

#### 15. Gymnastics.

Three hours. Second semester. One hour credit.

This course includes instruction and experience in apparatus (trampoline included), Danish gymnastics, and calisthenics; study of related nomenclatures; safety procedures; opportunity for elementary practice teaching of skills learned.

## 16. Recreation and Camping.

Three hours. First semester. One hour credit.

A study of the various types of camp and recreation philosophies and organizations. Experience and instruction in program organization, arts and crafts, camp craft and handicraft.

# 22. Games and Activities for Elementary Grades. Miss Bowman Three hours per week; one semester hour credit. First semester.

Include soccer for out-of-door activity. Obtain reference list of games and activities. Instruction and teaching experience in the classroom, gymnasium, playground, and field.

# 23. Exhibitions and Demonstrations for Elementary Grades.

Miss Bowman

Two hours per week; one semester hour credit. Second semester.

Plan elementary demonstrations, exhibitions, circuses, festivals, water shows, variety shows, field days, May Days, holiday programs, sports carnivals, and pageants.

#### HISTORY AND POLITICAL SCIENCE

PROFESSOR LAUGHLIN, ASSISTANT PROFESSOR SHAY, MR. FEHR

The aim of the Department of History and Political Science is to aid the student in acquiring such knowledge in the field of social studies as will serve as a background for an unemotional and unbiased study of mankind's activities. It is hoped that such study will assist the student to arrive at opinions only after examining and evaluating evidence. It is believed that such training will help to promote good citizenship.

The Department also provides broad training for those who plan to teach in the public schools or who seek government positions. Provision is also made for those who intend to pursue graduate work in the area either of history or of political science.

Majors are offered in (1) history, (2) political science.

#### HISTORY

Major: Integrated Studies 30, Advanced Test—Graduate Record examination, departmental comprehensive examination, History 10, 24a-24b, 31, 32, eight additional semester hours of history.

Minor: Integrated Studies 30, History 10, 24a-24b, four additional hours of history.

# 10. The History of Western Civilization. Three hours. Throughout the year.

Mr. Shay

It is the purpose of this course to introduce the student to the principal developments of mankind from early historical times to the present. Emphasis will be placed upon the history of Western Civilization in its political, social, and cultural achievements. Some attention will also be given to proper forms of note taking, the preparation of reports, and the elements of research.

# 20. Europe from the Renaissance to the Congress of Vienna.

Three hours. Second semester. Offered 1956-1957.

This course deals with the political, economic, cultural, and religious changes that occurred in the Western World from the thirteenth to the early nineteenth century. Special attention is given to the artistic developments of the Renaissance, to the Wars of Religion, to the French Revolution, and to the Napoleonic era.

# 23. Political and Social History of the United States and Pennsylvania.

Mr. Shay

Three hours. First semester.

A general course in American and Pennsylvania History from Independence to the present time. Emphasis will be placed on the role of Pennsylvania in national, political, and cultural developments. This course is open only to students in the Conservatory of Music.

# 24a-24b. Political and Social History of the United States and Pennsylvania. Mrs. Laughlin

Three hours. Throughout the year.

A survey of American History from the earliest settlements to the present. Special attention is given to the history of the colony and state of Pennsylvania. This course is designed to fulfill the state requirements for United States and Pennsylvania history.

# 27. Diplomatic History of the United States.

Mr. Shay

Three hours. Second semester. Offered 1955-1956.

A survey of the foreign relations of the United States since its inception as a nation. Emphasis is placed on the development of notable foreign policies and their effect on American life, the relation of the nation with specific areas, the influence of personalities in the field of diplomacy, the effect of domestic conditions upon foreign relations, and the current international position of the United States.

# 29a-29b. Economic History of the United States.

Two hours. Throughout the year. Offcred 1957-1958.

A study of the economic background of American History, including the growth of American agriculture and industrial interests, from colonial beginnings to their present day development.

# 31. Europe from 1815 to 1914. Three hours. First semester.

Mr. Shay

Nineteenth century Europe from the Congress of Vienna to the outbreak of World War I.

# 32. Europe from 1914 to the Present. Three hours. Second semester.

Mr. Shay

A study of World War I and World War II. Attention will be given to the problems involved in the post-war periods.

### 33. History of the Far East.

Three hours. First semester. Offered 1956-1957.

A study designed to acquaint the student with the social, political, economic, and cultural institutions of the Far East prior to 1500 and the subsequent changes growing out of contact with the Western World since that time. Special emphasis will be placed upon the trends since 1500; and particular attention will be devoted to the emergence of Japan from isolation and her development as a world power; the reformation and revolution in China, and her struggle for unity; and the rise of nationalism in Southeastern Asia and developments since the end of World War II.

## 34. History of Russia.

Mr. Shay

Three hours. Second semester. Offered 1956-1957.

A study of the history of Russia from ancient times to the present. Special attention will be given to the late seventeenth, eighteenth, and nineteenth centuries; to the Revolutions of 1905 and 1917; and to the period of communist control.

### 36. History of England and the British Empire.

Mr. Shay

Three hours. Throughout the year. Offered 1955-1956.

A survey of the history of England and the Empire from earliest times to the present.

### 37. The History of the Middle East.

Mr. Shay

Two hours. Throughout the year. Offered 1955-1956.

A study of the development of the countries of the Middle East with emphasis on events of the nineteenth and twentieth centuries and the significance of such happenings in world affairs. Attention is paid to the relations between Europe, the Americas, and the Middle East during the rise and decline of the Ottoman power, western imperialism in the Middle East, and the strategic and economic importance of the area in international affairs.

#### 38. History of Latin America.

Two hours. Throughout the year. Offered 1956-1957.

A survey of the political and cultural development of the Latin American Republics. The period of independence, internal development, and relations with the United States will be emphasized.

## 42a-42b. American Biography. One hour. Throughout the year.

Mr. Shay

A study of the achievements of American men and women who typify important social and political trends. For the year 1955-1956 the selections in the first semester will be made from the period since the end of the Civil War; in the second semester they will be taken from our colonial and national history to 1865.

## 43. History of Pennsylvania. Three hours. First semester.

Mr. Shay

A study of the political and social history of Pennsylvania with special emphasis on the different types of settlers and on the contribution of the Commonwealth to the history of the nation.

44. Source Problems in American History. Mrs. Laughlin
Two hours. Throughout the year. Open only to History majors, except by
special permission.

A course designed to acquaint the student with the use of source material and methods of historical research.

Geography 10a-10b. See page 95.

Methods of Teaching History. See Education 49.

Integrated Studies 30. See page 73.

### POLITICAL SCIENCE

Major: Integrated Studies 30, Advanced Test—Graduate Record examination, departmental comprehensive examination, Political Science 10a-10b, 20, 21, 30, 31, 32, 40, 41.

Minor: Political Science 10a-10b, 20, 21, 32, three additional hours, Integrated Studies 30.

#### 10a-10b.—American Government and Politics.

Mr. Fehr

Three hours. Throughout the year. Offered 1955-1956.

An introduction to the study of government in the United States. A study of the structure and functions of the various branches of the federal government and their relationships to each other; a consideration of the Constitution, of federalism and its problems, civil rights, political parties and pressure groups, elections, and the increasing powers of the federal government. Special attention is given to a wide range of problems facing our government and to current world affairs.

#### 20. Comparative Government.

Mr. Fehr

Three hours. First semester. Offered 1955-1956.

A comparative study of the important governmental systems of the world, both democratic and authoritarian. Comparison and contrasts are made between unitary and federal forms. Special study is made of the governmental system in force in the Soviet Union.

Political Science 10a-10b is a prerequisite, or a corequisite.

#### 21. Foreign Relations.

Mr. Fehr

Three hours. Second semester. Offered 1955-1956.

A study of the development, structure, and functions of the United States diplomatic and consular service. Consideration will be given to recruitment, training, and promotions in the Foreign Service. Special emphasis will be given to the problems faced by American diplomatic officials as revealed in contemporary international relations.

Political Science 10a-10b is a prerequisite, or a corequisite.

#### 22. State and County Government.

Three hours. First semester. Offered 1956-1957.

This course deals with the structure and functions of state and county government. Emphasis is placed on federal-state-local relationships, on administrative organization and services, on the courts, and on legislative representation.

Political Science 10a-10b is a prerequisite or a corequisite.

#### 23. City Government.

Mr. Fehr

Three hours. First semester. Offered 1955-1956.

This course deals with the rise of urbanization and with the accompanying growth of municipal functions. Special attention will be paid to metropolitan areas, to the legal process and status of cities, to municipal relations with state and national government, to urban politics, and to the various forms of city government.

Political Science 10a-10b is a prerequisite or a corequisite.

#### 30. Political Parties in the United States.

Three hours. Second semester. Offered 1956-1957.

A study of the history and origins of political parties, their organiza-

tion, development, and methods of operation, leaders, machines and bosses, campaigns and platforms.

Political Science 10a-10b is a prerequisite, or a corequisite.

#### 31. American Constitutional Government.

Three hours. Second semester. Offered 1956-1957.

A study of the growth and development of the Constitution through the medium of judicial construction. Recent decisions illustrating its application to new conditions of the present age, and proposals for court modification, are given particular attention.

Political Science 10a-10b is a prerequisite, or a corequisite.

### 32. Contemporary World Affairs.

Mr. Fehr

Two hours. First or second semester. Offered 1955-1956.

The purpose of this one-semester course is to acquaint students with current developments in the field of public affairs, literature, science, religion, music, drama, and art. Students are instructed in the use and evaluation of various communications media—the daily newspaper, the weekly news magazine, radio and TV, filmstrips, recordings, and specialized publications. Special attention is given to broad domestic and international problems facing the United States. No prerequisite is required.

### 33. Public Opinion.

Three hours. Second semester. 1954-1955.

An analysis of the nature and sources of contemporary public opinion, with special attention to types of censorship and to modern propaganda devices.

Political Science 10a-10b is a prerequisite or a corequisite.

### 40. Poiltical Theory.

Mr. Fehr

Three hours. First semester. Offered 1955-1956.

A survey of the different philosophies and theories of government, ancient and modern, with special reference to political philosophy since the sixteenth century.

Political Science 10a-10b is a prerequisite, or a corequisite.

### 41. International Politics.

Mr. Fehr

Three hours. Second semester. Offered 1955-1956.

This course is designed to acquaint students with the origin, forms, dynamics, prospects of the international political pattern. Special emphasis is placed on current developments and changing concepts in world politics. Political Science 10a-10b is a prerequisite, or a corequisite.

Geography 10a-10b. See page 95.

Integrated Studies 30. See page 73.

#### HUMANITIES

See Integrated Studies, page 73.

#### **LANGUAGES**

See Foreign Languages, page 91.

#### LATIN

See Foreign Languages, page 94.

#### MATHEMATICS

ASSOCIATE PROFESSOR BISSINGER AND ASSISTANT PROFESSOR GILMORE

The Department of Mathematics has three major aims:

- 1. To attempt to make all students aware of the part mathematics plays in the modern world, to feel and to enjoy the beauty of intellectual honesty thru its symbolism and "language" so that they can intelligently consider the quantitative aspects of many fields of work as well as their own field of concentration;
- 2. to assist students, in the sciences and other fields, to acquire a mathematical technique—a tool—which they can apply therein;
- 3. to prepare those students who want to specialize in Mathematics, statistics, and actuarial work so that they can use this training in such fields as economics, physics, biology, or teaching.

Many students will want to further their preparation and go on to graduate school. The Department will attempt to place the graduating senior in a school where such study can be pursued and, in case of financial need, will attempt to obtain for the student parttime teaching at such institution.

A student who plans to teach in secondary school should consult the requirements for certification in teaching under the Department of Education. The student should take Mathematics 10, 11 and at least 4 additional hours of Mathematics.

Major: Students majoring in Mathematics are required to take courses 11, 22, 23, 36, 40.1, and six additional hours of mathematics, as well as Physics 20 and 21. A reading knowledge of French or German is required; students planning to go on to graduate school should have both.

If a major in Mathematics desires a B.S. degree, he must take the general requirements (page 50) for the degree and must elect his minor in physics, chemistry, or biology.

If a major desires the A.B. degree, the general requirements are taken (page 50) and the minor can be in any department other than physics, chemistry, or biology.

In either case, the candidate will be required to take, during the senior year, the graduate record examination as well as a comprehensive examination made up by the departmental chairman. If departmental honors are desired, eligibility must be satisfied at the end of the sophomore year. During the senior year, the chairman

will arrange for an additional oral examination by a committee of at least two members of the department and one member from the minor department who will decide if honors are earned. This examination will follow the written comprehensive.

Jobs for students in mathematics and statistics are available in business, education and government. Especially in statistics can the student find opportunity in biological and psychological research projects, market research projects, public surveys, time and motion studies, and quality control in both industry and government.

Minor: Students minoring in Mathematics are required to take one of the following sequences of courses:

- a) Math. 10, 11, and 4 additional hours;
- b) Math. 11, 22, 23, and 4 additional hours.

### 10. Introduction to Mathematical Analysis.

Mr. Gilmore

Three hours. Throughout the year.

A unified course involving training in concepts of arithmetic, algebra, trigonometry, and graphical analysis. The nature and significance of mathematics is stressed. It may be taken as part of the general college requirements by students who have had at least two years of high school Mathematics.

### 11. Analytical Geometry and Calculus.

Mr. Bissinger

Four hours. Throughout the year.

A thorough background in trigonometry is required. This course begins with plane analytical geometry and goes on to develop the concepts of differential and integral calculus including formal rules of both with applications.

### 12. Elementary Statistics.

Mr. Gilmore

Three hours. Second semester.

Data is analyzed by means of frequency distributions and the statistics which describe them. Averages, measures of variation, difference between distributions, curve fitting, correlation, use of normal distribution and some simple cases of probability judgment are studied with examples from business and the sciences. This course is not open to students who have credit for Math. 11.

#### 19. Mathematics of Finance.

Mr. Gilmore

Three hours. First semester.

The course seeks to present the mathematical principles and operations used in financial work. A detailed study of compound interest, compound discount, and annuities is undertaken. Application of these principles is then made to practical problems of amortization, sinking funds, depreciation, valuations of bonds, and building and loan associations.

#### 22. Advanced Calculus.

Mr. Bissinger and Mr. Gilmore

Three hours. First semester.

Partial derivatives, multiple integrals, infinite series, and the expansion

of functions into power series are the main topics studied. Prerequisite: Math. 11.

## 23. Ordinary Differential Equations. Mr. Bissinger and Mr. Gilmore Three hours. Second semester.

The ordinary type of differential equations are studied and solved, especially those of the first and second orders, with emphasis on applications to mechanical, electrical, and chemical problems, as well as biological growth.

Prerequisite: Math. 11, 22

#### 36. Theory of Equations

Mr. Gilmore

Three hours. First semester. 1954-1955.

The basic theory of equations concerning roots and their properties, limits to the roots, solution by radicals of cubic and quartic equations, number of real roots, numerical solution of equations by Horner's and Newton's Methods, symmetric functions, the elements of determinants and Matrix theory.

Prerequisite: Math. 10

#### 37. Mathematical Statistics.

Mr. Gilmore

Three hours. Second semester. 1954-1955.

The course considers classical and certain modern methods in statistics. Topics covered will include frequency distributions of one, two, and more than two variables, large-and small-sample theory, non-parametric methods and the Chi-square test.

Prerequisite: Math. 11.

### 38. Higher Calculus.

Mr. Bissinger

Three hours. First semester. 1955-1956.

A rigorous treatment of the limit motion as applied to sets and sequences with the development of continuity, real functions, their derivatives and integrals are studied.

Prerequisite: Math. 22

#### 39. Vector Analysis.

Mr. Bissinger

Three hours. Second semester. 1955-1956.

The emphasis is placed on the algebra and calculus of vectors with application thru the concepts of gradient, divergence, and curl in geometry and mathematical physics.

Prerequisite: Math. 22

## 41. Theory of Functions of a Complex Variable. Mr. Bissinger Three hours. Throughout the year. 1954-1955.

The course develops the theory of analytic functions using the Cauchy-Riemann equations. The real and imaginary parts are interpreted for lines of flow and equal potential with applications to hydrodynamics, aerodynamics, and other fields.

Prerequisite: Math. 22, 38 or permission of instructor

## 40. Differential Equations of Mathematical Physics. Mr. Bissinger Three hours, Throughout the year, 1955-1956.

The course introduces the student to the classical equations of heat flow, the vibrating string, sound waves, and others. Also are studied Volterra integral equations and their solutions by iteration and popular methods. Remarks are made on Bessel's equation and functions, Legendre polynomials, the gamma function, Fourier series and Wronskians.

Prerequisite: Approval of head of department.

### 43. Theory of Numbers.

Mr. Gilmore

Three hours. First semester. 1955-1956.

The basis of the course is the properties of the natural numbers, diophantine solutions of linear equations, simple continued fractions, congruences, and some arithmetical functions.

Prerequisite: Permission of instructor.

### 45. Periodic Functions and Fourier Analysis

Mr. Bissinger

Three hours. Second semester. 1955-1956.

The course introduces the useful concept of orthogonality of functions and convolution with series representation yielding the famous Bessel's inequality, Parseval's relation, and uniqueness theorems. Exercise in harmonic analysis of discrete data and application of Laplace Transformation Theory are given.

Prerequisite: Permission of head of department.

### 48. Abstract Algebra

Mr. Bissinger

Three hours. First semester. 1954-1955.

Integral domains, fields, rings, and ideals are emphasized thru an axiomatic approach with an introduction to the theory of numbers and abstract mathematical logic.

Prerequisite: Permission of head of department.

### 49. Theory of Finite Groups

Mr. Bissinger

Three hours. Second semester. 1954-1955.

The group concept is exemplified thru transformation with attention to cosets, isomorphism, homomorphism, and automorphism. Normal subgroups and quotient groups are studied.

Prerequisite: Math. 48

#### 40.1 Mathematics Seminar

Staff

Two hours. Throughout the year.

The senior major is required to work independently of class room schedule with his departmental advisor. The work may consist of compiling a history of some subject, writing an essay, further study in a new field or the review of a book or paper, depending on the future plans of the student. Hours are arranged by the advisor and student.

#### MUSIC

PROFESSORS GILLESPIE, BENDER; ASSOCIATE PROFESSORS, STACHOW, FAIRLAMB; ASSISTANT PROFESSORS SMITH, THURMOND, LANESE; INSTRUCTOR, KINSLEY

Music is recognized as having a proper place in a liberal education. Three types of participants are necessary to create a concert: composer, performer, listener. The following courses, available to students in the liberal arts, are intended primarily to promote the appreciation of music and furnish the intelligent listener.

Major: See The Conservatory of Music, page 119.

Minor: Twenty semester hours including continuous private lessons on an instrument or in voice the entire four years. The selection of courses must be supervised and approved by the Music Department adviser.

Courses must be selected from the following: Sight Singing 10, 11, 20; Ear Training 10, 11, 20; Theory of Music 10, 11, 20, 22, 30, 40, 41 (Arranging and Scoring for the Modern Orchestra); History and Appreciation of Music, 30, 31; Music Literature 32; Conducting 20, 30, 40; College Chorus. For description of courses see pages 121 to 129.

The above courses may be taken as electives for credit toward any degree conferred by the college.

Courses in applied music will not be credited toward any degree except the Bachelor of Science with a major in Music Education unless they are taken as part of a full major or minor in music.

N.B. No student may receive credit for chorus more than one year.

#### ORIENTATION

11. Freshman Orientation. See page 33.

#### PHILOSOPHY

#### PROFESSOR EHRHART

Philosophy is man's quest for *universal* knowledge both about the world in which he lives and about himself, understood in their broadest and deepest relationships. The method of philosophy is free and open inquiry. Its goal and purpose is the increase of wisdom among men.

Major: Philosophy 10, 11, 20a-20b, 35a-35b and six additional semester hours. Two hours credit in Humanities 20 is transferable to a Philosophy major.

Minor: Philosophy 10, 11, 20a-20b, 35a-35b.

## 10. Introduction to Philosophy. Three hours. First semester.

Mr. Ehrhart

This course is intended to introduce beginners to the basic method and some of the main problems of philosophy, while at the same time giving them at least an inkling of the work of the greatest thinkers and an opportunity to do some philosophizing of their own.

### 11. Introduction to Logic.

Mr. Ehrhart

Three hours. Second semester.

Introduction to the rules of clear and effective thinking, as well as those of exact communication and the logical use of language. Attention is given both to the classical syllogism of deductive logic, and inductive logic and scientific method. The aim of this course is primarily practical, with considerable use being made of exercises and problems.

#### 20a. Ancient Philosophy.

Mr. Ehrhart

Three hours. First semester. Offered 1956-1957.

The aim in this course is to trace the rise of Western philosophy from its non-philosophical origin in Greek religion, through the teachings of Plato and Aristotle, and the Hellenistic philosophies of Stoicism and Epicureanism.

### 20b. Medieval Philosophy.

Mr. Ehrhart

Three hours, Second somester, Offered 1956-1957.

This course continues the history of Western philosophical thought, tracing it through the thinking of the early Church Fathers, Neo-Platonism, and the Scholastic period of medieval philosophy.

#### 30. Ethics.

Mr. Ehrhart

Three hours. First semester. Offered 1955-1956.

An inquiry into the major theories on the nature of the good and the good life for man; examination of the problems of moral relativism and moral freedom; and discussion of the practical problems of morality as they are encountered in personal, political, and economic life.

#### 31. Philosophy of Religion.

Mr. Ehrhart

Three hours. Second semester.

The purpose of this course is to inquire into the validity of religious knowledge, as evidence is available from the realms of nature, moral experience, aesthetic experience, religious experience, and history. The difficulties involved in religious belief are examined, with the aim of arriving at an adequate religious viewpoint.

### 35a. Modern Philosophy.

Mr. Ehrhart

Three hours. First semester. Offered 1955-1956.

In this course, which is the logical continuation of Philosophy 20a-20b, the changes brought about in philosophical thinking by the cultural and scientific renaissance are followed and a study made of philosophical developments from Bacon and Descartes through Kant.

35b. Recent and Contemporary Philosophy. Mr. Ehrhart
Three hours. Second semester. Offered 1955-1956.

Here the history of Western philosophy is brought down to the present, starting with the philosophy of Fichte and concluding with a study of the living philosophers as well as the outstanding contemporary schools of philosophy.

#### 41. Aesthetics.

Mr. Ehrhart

Two hours. First semester. Offered 1956-1957.

A survey of the philosophy of the beautiful, the correlation of the same with the development of the fine arts, and a consideration of fundamental principles of criticism.

#### **PHYSICS**

### PROFESSOR GRIMM, ASSISTANT PROFESSOR GILMORE

The Physics Department aims not only to provide its majors an introduction to the techniques and applications of physical science, but aims also to give students of Liberal Arts an insight into the behavior of non-living matter and to indicate the possible extent, as well as the limitations, of our knowledge of the physical universe.

Major: Physics, 20, 21, 32, 33, 40, 43, 45, and any eight additional hours.

Minor: Physics 20, 21 and any ten additional semester hours.

### 20. General College Physics.

Mr. Gilmore

Three hours. Throughout the year.

Three hours lectures and recitations per week. This course will be a thorough investigation of the fundamental principles of physical science, and is especially intended as a preparation for advanced courses in Physics, and for those interested in the practical applications of physical laws and principles. When accompanied by Physics 21, it meets the minimum requirements of those who are candidates for the bachelor's degree in science and for admission to the Medical Schools.

#### 21. General Physics Laboratory.

Mr. Gilmore

Three hours. Throughout the year. One hour credit per semester.

Laboratory work associated with the subject matter of Physics 20. This course should accompany Physics 20. Laboratory fee: \$10.00 per semester.

#### 30. Mechanics.

Mr. Grimm

Three hours. First semester.

This course will be a thorough investigation of the mechanics of solids, liquids, gases, and sound. Prerequisite: Physics 20, 21.

#### 31. Mechanics Laboratory.

Mr. Grimm

Two hours. First semester.

Experimental work in precise measurements. Conventional experiments

with momentum, rotation, and physical moduli of materials. Laboratory fee: \$10.00.

### 32. Magnetism and Electricity.

Mr. Grimm

Three hours. First semester.

This course will be a thorough consideration of the laws of the electric and magnetic fields and the power applications of electricity as direct and low frequency alternating currents.

#### 33. Electrical Measurements.

Mr. Grimm

Two hours. Throughout the year.
One hour credit per semester.

Measurements of potential, current, resistance, capacity, and inductance in the field of direct currents and of alternating currents at low and high frequencies. This course should accompany Physics 32 and 46, and may be divided into two parts. Laboratory fee: \$10.00 per semester.

### 40. Analytical Mechanics.

Mr. Grimm

Two hours. Throughout the year. Offered 1955-1956.

Resolution of force, two and three force pieces, center of gravity, acceleration, moment of inertia, friction.

Prerequisite: Mathematics 11 and Physics 20, 21.

### 43. Light: Optics and Spectroscopy.

Mr. Grimm

Three hours. First semester. Offered 1956-1957.

This course will be concerned with the nature of light and its transmission through various media including reflection, refraction, and dispersion. Prerequisite: Physics 20, 21.

#### 44. Optics Laboratory.

Mr. Grimm

Two hours. Throughout the year. Offered 1956-1957.

Experimental work with reflection, refraction, and dispersion of light. This course should accompany Physics 43 and Physics 45. Laboratory fee: \$10.00 per semester.

#### 45. Modern Physics.

Mr. Grimm

Three hours. Second semester. Offcred 1956-1957.

An investigation of the application of physical principles to molecular, atomic, and electronic phenomena. Recent developments in nuclear physics.

### 46. High Frequency Alternating Currents.

Mr. Grimm

Three hours. Second semester. Offered 1956-1957.

The generation of high frequency alternating currents and their application to radio transmission and its associated equipment.

### 47. Heat and Thermodynamics.

Mr. Grimm

Three hours. Second semester. Offered 1955-1956.

The theory of heat, kinetic theory of gases, and the laws of thermodynamics.

#### POLITICAL SCIENCE

See History and Political Science, page 99.

#### **PSYCHOLOGY**

Assistant Professors Love, Taylor and Ebersole

The courses offered by this department are designed (1) to promote the development of ethical, moral, and religious character by helping the student to make wholesome social adjustments; (2) to encourage in the student an awareness and appreciation of the environmental and biological bases of human behavior so that he may understand the application of psychological knowledge to contemporary social problems; (3) to provide such self-knowledge as may aid in the solution of personal problems related to life and work; and (4) to furnish a theoretical, scientific, and practical acquaintance with principles, methods, and techniques which are not only basic to graduate study and employment in psychology but also are beneficial in the many occupations where psychology is applied.

Major: Twenty-four hours, to include Psychology 20 and 35.

Minor: Eighteen hours, to include Psychology 20.

Note: Psychology 20 is prerequisite to all other courses offered by the department.

### 20. General Psychology.

Dr. Love

Three hours. First semester.

A beginning course in general psychology, designed to acquaint the student with psychological principles and their application in daily life.

## 21. Psychology of Childhood. Dr. Ebersole, Miss Taylor Three hours. First semester. Offered 1956-1957.

A study of the psychological development of the child from the beginning of life to adolescence. Throughout the course emphasis is placed upon practical problems of child care and training. Topics considered include the development of proper physical and health habits, children's questions, religious and sex instruction, emotional and personality problems, problems of family life and relationships, behavior problems and discipline, and problems of school life and relationships. Laboratory fee of one dollar.

### 22. Mental Hygiene.

Three hours. First semester. Offered 1955-1956.

A study of wholesome and effective personality adjustments, including the causes and treatment of the more common social and emotional maladjustments. Laboratory fee of one dollar.

### 23. Educational Psychology.

Dr. Love

Three hours. Second semester.

A psychological study of the nature of the learner and the nature of

the learning process. The course includes such topics as individual differences, motivation, emotion, and transfer of training.

30. Applied Psychology.

Miss Taylor

Three hours. Second semester. Offered 1955-1956.

A survey of the applications of psychology to the various fields of human relations. Among the areas covered are vocational guidance, personnel problems in business and industry, public opinion and propaganda, advertising methods, work and efficiency, and fatigue. Laboratory fee of two dollars.

### 31. Psychology of Adolescence.

Three hours. First semester. Offered 1955-1956.

A study of the individual's development from childhood to maturity. Characteristic features of physical, intellectual, social, emotional, and moral and religious growth are considered in detail, with practical application to problems of educational, vocational, and heterosexual adjustment.

### 32. Abnormal Psychology.

Dr. Love

Three hours. Second semester. Offered 1956-1957.

An introduction to the study of abnormal behavior, including such topics as hysteria, multiple personality, hypnosis, analysis of nervous and mental maladjustments, and a study of psychological processes as they occur in the more marked forms of derangement.

### 33. Social Psychology.

Miss Taylor

Three hours. First semester. Offered 1956-1957.

A study of psychological facts and principles and their application to problems arising from the interaction of individuals and groups in modern society. The biological and social foundations of human behavior, factors influencing social adjustment and interaction, the main types of social institutions, and major areas of social conflict are considered with a view to the formulation of concrete solutions to selected problems of major concern.

### 35. Experimental Psychology.

Miss Taylor

Three hours. Second semester. Required of all students with a major in psychology.

This course introduces the student to the most important methods and techniques of research in psychology and to a number of the notable experiments in the field. Throughout the course the requirements of scientific method and the principle of "learning by doing" are emphasized. Laboratory fee of five dollars.

### 41. Introduction to Clinical Psychology.

Dr. Love

Three hours. Second semester. Offered 1955-1956.

This course is designed to acquaint the student with the major types of educational and behavior problems, and with the most important

techniques of individual diagnosis and treatment currently employed. The relationship of tests in the clinical situation is discussed as is the type of test used and its purpose in treating the individual. Various psychotherapeutic methods are considered. Laboratory fee of three dollars.

### 42. Mental Tests and Measurements.

Dr. Love

Three hours. Second semester. Offered 1955-1956.

This course will acquaint students with the general theory underlying intelligence testing, and will afford practice in the giving of individual intelligence tests of both the verbal and the performance type. Emphasis will be placed, however, upon the administration of the Revised Stanford-Binet Tests of Intelligence and the Wechsler-Bellevue Intelligence Scale. Students will be held responsible for achieving some proficiency in the use of these tests. Laboratory fee of five dollars.

Educational Measurements. See Education 30, page 85.

Principles of Guidance Organization and Administration. See Education 41, page 88.

#### RELIGION

PROFESSORS RICHIE, EHRHART, ASSISTANT PROFESSOR SPARKS

The aim of this department is to provide opportunity for the study of our religious and moral heritage from ancient cultures and, in particular, from that which gave birth to the Judaeo-Christian tradition.

Through courses, both elective and required, the department seeks to orient the student to a Christian world view. It strives toward an appreciation and understanding of the Holy Scriptures and the heritage of the Christian Church, the cultivation of skills for practical service in a local church or community, and the undergirding of Christian living as a normal and dynamic experience.

Professionally, basic foundations are offered to those students who are in preparation for the Christian ministry, the World Mission field, the teaching of Religion, and other Church vocations.

Major: Religion 10a-10b, 11a-11b, 32, Philosophy 31, and 11 additional semester hours.

Minor: Religion 10a-10b, 11a-11b, 20, 30, 32 and four additional semester hours.

#### 10a-10b. Introduction to English Bible.

Mr. Sparks

Two hours. Throughout the year. This course or Religion 11a-11b required of all college freshmen. Offered 1955-1956.

An appreciative and historical survey of the literature of the Old and New Testaments.

### 11a-11b. Introduction to Religion.

Mr. Sparks

Two hours. Throughout the year. This course or Religion 10a-10b is required of all college freshmen.

The purpose of this course is to acquaint the student with the place and significance of religion—what it is and does. Included are studies in the nature of God, the worth of man, science and religion, personal religious living, the Judaeo-Christian tradition as found in the Old and New Testaments, the place of the Church in our modern life, and contemporary problems in the field of religion.

### 20. The Prophets.

Mr. Richie

Two hours. First semester. Offered 1955-1956.

A study of the lives of the major and minor prophets, and an analysis of their contributions to the ethical and religious thought of the Old Testament.

### 21. The History and Religion of the Hebrews.

Mr. Richie

Two hours. First semester. Offered 1956-1957.

The purpose of this course is to furnish the student with a true perspective of the religious growth of the Hebrews during the period of the Old Testament.

### 30. Life and Epistles of Paul.

Mr. Richie

Two hours. Second semester. Offered 1955-1956.

The life and epistles of Paul, and the practices, problems, and beliefs of the early church.

#### 31. The Christian Church.

Mr. Richie

Two hours. First semester. Offered 1955-1956.

A study of the growth of Christianity beyond the primitive church, with special emphasis on the origin and growth of denominations.

### 32. The Teachings of Jesus.

Mr. Ehrhart

Two hours, First semester, Offered yearly, All students must take this course or Philosophy 31.

This course attempts an intensive study of the religious concepts of Jesus as set forth in the Gospels.

### 40. Principles of Religious Education.

Mr. Richie

Two hours. First semester. Offered 1956-1957.

A fundamental course investigating some of the theories, principles, and problems of Religious Education.

### 41. The Church School.

Mr. Richie

Two hours. Second semester. Offered 1956-1957.

A study of the principles, problems, and methods in the organization and administration of the Sunday School, Church Vacation School, and Week Day School of Religion.

42. The History of Religion.

Two hours. Second semester. Offered 1956-1957.

Mr. Richie

This course is intended to provide the student with the facts concerning the rise and development of religion in general. The historical view is followed throughout.

43. Biblical Archaeology.

Mr. Richie

Two hours. Second semester. Offered 1955-1956.

The course reviews the findings of the explorer, excavator, and scholar in the field of Archaeology, and attempts to evaluate their contribution to and illumination of Bible facts and teachings.

Philosophy of Religion. See Philosophy 31.

### SOCIAL STUDIES

See Integrated Studies, page 73.

#### **SPANISH**

See Foreign Languages, page 94.

#### SOCIOLOGY

#### Assistant Professor Brumbaugh

The aim of the department is to prepare students for citizenship by acquainting them with the principles and problems of human associations within the several fields of specialized study. The courses are intended to be utilitarian as well as cultural.

Major: Social Studies 30, Departmental Comprehensive Examination, Sociology 20, 21, 22, 30, 31, 33, 40, 41.

Minor: Sociology 20, 21, 22, six additional hours, Social Studies 30.

20. Introductory Sociology.

Miss Brumbaugh

Three hours. First semester. Offered 1955-1956.

The nature of man's social heritage, the bearing of group life upon the individual's personality, the development of social institutions and community life, and the forces involved in social change and reorganization are the principal topics studied in this course.

#### 21. Modern Social Problems.

Miss Brumbaugh

Three hours. Second semester. Offered 1955-1956.

This course deals with the preventive and remedial aspects of current social problems such as neglected children, widowhood, divorce, old age, poverty, unemployment, illegitimacy, poor health, housing, race, juvenile delinquency.

22. Marriage and the Family.

Miss Brumbaugh

Two hours. Second semester. Offered 1955-1956.

The purpose of this course is to acquaint the student with the history and general social problems of the family, to aid in preparation for marriage, and to offer counseling services to those already married.

### 30. Criminology.

Three hours. First semester. Offered 1956-1957.

A study of the causes of crime and the treatment of criminals; criminal behavior; the police system and the criminal courts; treatment of juvenile offenders; punishment, probation, parole, and reform. Observation and criticism of social agencies dealing with the crime problem is required.

Sociology 20 and 21 are prerequisites.

#### 31. Introduction to Social Work.

Three hours. Throughout the year. Offered 1956-1957.

A pre-professional course dealing with the nature and requirements of the different fields of social work. Observation of the work of private and public agencies in the locality serving this field is required.

Sociology 20 and 21 are prerequisites. Fee \$2.00 per year.

#### 33. Social Institutions.

Miss Brumbaugh

Three hours. First semester. Offered 1955-1956.

A study of the organization of contemporary American society with special emphasis on institutions such as the church, the family, economic and governmental organizations, and the school. An analysis is made of the interrelationship of these institutions and of their place in American culture.

Sociology 20 and 21 are prerequisites.

#### 40. Population.

Miss Brumbaugh

Two hours. First semester. Offered 1955-1956.

A study of the size, growth, composition, and distribution of the peoples of the earth. Emphasis is placed on the social significance of the nature and change of population.

Sociology 20 and 21 are prerequisites.

#### 41. Social Research.

Miss Brumbaugh

Three hours. Second semester. Offered 1955-1956.

A study of the theory and application of research methods in social investigation.

Open to juniors and seniors with a major in sociology.

#### 42. Rural Sociology.

Miss Brumbaugh

Two hours. Throughout the year.

This course deals with the population composition, institutions, and problems of rural life; with the attitudes, structure, and organization of rural communities; with the processes of social change as found in rural areas.

Field work will be required.

Sociology 20 and 21 are prerequisites.

Geography 10a-10b. See page 95.

Political Science 33. See page 103.

Integrated Studies 30. See page 73.

# Summer School, Extension, and Evening Courses

Through summer sessions, extension classes, and evening classes, Lebanon Valley College has for many years enabled teachers, state employees, and others in active employment to attend college courses and secure academic degrees. By a careful selection of courses made in consultation with the heads of departments in the College, a student can meet the course and residence requirements for a baccalaureate degree.

Students in regular attendance may, by taking summer school courses, meet the requirements for the bachelor's degree in three

years.

Courses in the following subjects will be offered in the Summer School of 1955, and in extension and evening classes in 1955-1956; Biology, Economics and Business Administration, Chemistry, Education, Elementary Education, Engineering, English, Forestry, French, German, History, Mathematics, Medical Technology, Music Education, Nursing, Philosophy, Physical Education for Women, Political Science, Psychology, Religion, Sociology, and Spanish.

Extension classes are offered in the William Penn High School, Third and Division Streets, Harrisburg, on Monday, Tuesday, Wednesday, and Thursday evenings from 7:00 to 9:00 P.M. Extension classes are also offered at the Harrisburg General Hospital. Lebanon Valley's extension program in Harrisburg is carried on in conjunction.

tion with Elizabethtown College and Temple University.

Extension and evening classes will begin during the week of September 19, 1955.

For details pertaining to Summer School, Extension and Evening

Courses, write to Dr. Carl Y. Ehrhart.

In 1955 Summer School will begin on June 13 and will consist of either one or two sessions, of six weeks each.

A course in Student Teaching, S-40, will be offered in the 1955 Summer Session at Hershey, Pennsylvania. This course is designed to meet the minimum requirements for Pennsylvania certification in secondary public school teaching.

## The Conservatory of Music

Professors Gillespie, Bender, Carmean; Associate Professors Stachow, Campbell, Malsh, Crawford, Fairlamb; Assistant Professors Rovers, Smith, Thurmond, Lanese; Instructor Knisley

HE aim of the Conservatory of Music is to teach music historically and aesthetically as an element of liberal culture; to offer courses that will give a thorough and practical understanding of theoretical subjects; and to train artists and teachers.

#### RATING

Lebanon Valley College Conservatory of Music is accredited by:

- 1. The Department of Public Instruction in Pennsylvania.
- 2. The National Association of Schools of Music for the granting of a Bachelor of Science Degree with major in Music Education.

### ENTRANCE REQUIREMENTS

An applicant for admission must (1) be a graduate of an approved high school, and (2) present four units of English, (3) possess a reasonable amount of musical intelligence and accomplishment, such as:

- (a) An acceptable singing voice and a fairly quick sense of tone and rhythm:
- (b) Ability to sing at sight hymn and folk tunes with a fair degree of accuracy and facility;
- (c) Ability to play the piano or some orchestral instrument representing two years' study;
- (d) These qualifications shall be judged through an audition, held on the campus before members of the Conservatory faculty.

#### MUSIC EDUCATION

For Training Supervisors and Teachers of Public School Music (B.S. with a major in Music Education)

This course has been approved by the Pa. State Council of Education for the preparation of supervisors and teachers of Music Education.

The outline of the curriculum follows:

First Semester	Clock Hours	Semester Hours
English, including Library Science	3	3 3

Harmony 10 Sight Singing 10 Ear Training 10 Applied Music: Voice, Piano, Strings (Violin, Viola, Cello, Bass); Woodwinds (Flute, Oboe, Clarinet, Bassoon); Brasses (Trumpet, French Horn, Trombone, Tuba); and Percussion Instruments. Chorus,	Clock Hours 3 3 3	Semester Hours 3 2 2
Orchestra, and Band. Work arranged for greatest benefit of students	4 2 1 —	2 1 — 16
Second Semester		
English Sociology or Contemporary World Affairs Harmony 11 Sight Singing 11 Ear Training 11 Applied Music (See First Semester) Health Education—Physical Education	3 3 or 2 3 2 2 6 2	3 or 2 3 2 2 2 3 1
	21 or 20	17 or 16
Third Semester	44	
The Humanities, Literature of the Western World General Psychology 20	4 3 2 2 2 1 6 	4 3 2 2 2 2 1 3
Fourth Semester		
The Humanities, Literature of the Western World Ed. Psychology 23	4 3 2 2 4 6 -	4 3 2 2 3 3 
Fifth Semester		
Political and Social History of U. S. & Pa.  Intermediate Conducting 30  Form and Analysis 41  History and Appreciation of Music 30  Methods and Materials 30  Applied Music (See First Semester)	3 2 2 3 4 6	3 2 2 3 3 3
	20	16

Sixth Semester  Music Literature 30 Harmony 30 (Keyboard) History and Appreciation of Music 31 Methods and Materials 31 Applied Music (See First Semester) Elective	Clock Hours 2 2 3 4 6 2	Semester Hours 2 2 3 3 3 2
	19	15
Seventh Semester		
Advanced Conducting Eurhythmics 40 Physical Science 40 Student Teaching and Conferences 40 Applied Music (See First Semester) Elective	2 1 3 8 4 2	2 1 3 6 2 2
	20	16
Eighth Semester		
Educational Measurements Student Teaching and Conferences 41 Applied Music (See First Semester) Elective	2 8 4 5 —	2 6 2 5 ————————————————————————————————

For a minor in Music in Liberal Arts see page 108.

#### OUTLINE OF COURSES

### I. Theory of Music

### Sight Singing Courses

Sight Singing 10 is a beginning course in music reading.

11. Sight Singing. Miss Gillespie
Three hours per week, two semester hours credit. Second semester.

Sight Singing 11 covers the work equivalent to any advanced reading material necessary for public school use.

20. Sight Singing. Mr. Lanese
Two hours per week, two semester hours credit. First semester.

A continuation with exercises and songs of increasing difficulty, both tonal and rhythmic. Study and application of tempo, dynamic and interpretative markings.

Speed and accuracy are expected. New literature is constantly used, resulting in an extensive survey of music materials.

### Dictation (Ear Training) Courses

10. Ear Training.

Three hours per week, two semester hours credit. First semester.

A study of tone and rhythm integrated with Sight Singing 10 and Harmony 10, including the writing of intervals, melodies, and chord progressions as dictated from the piano.

11. Ear Training.

Mrs. Bender

Mrs. Bender

Two hours per week, two semester hours credit. Second semester.

A continuation of the study of tone, rhythm, and intervals. A considerable portion of the time is devoted to the development of harmonic dictation.

20. Ear Training.

Mrs. Bender

Two hours per week, two semester hours credit. First semester.

A study of the more difficult tonal problems and complicated rhythms. Chromatic dictation correlated with chromatic harmony.

Designed to develop ability to recognize and write chord progressions, including modulation, and altered chords.

### Harmony Courses

10. Harmony.

Mr. Stachow

Three hours per week, three semester hours credit. First semester.

A study of the rudiments of music, including notation, scales, intervals, and triede the connection of triede by hoursesing meladics and become

and triads; the connection of triads by harmonizing melodies and basses with fundamental triads; playing of simple cadences at the piano; analysis of phrases and periods.

II. Harmony.

Mr. Stachow

Three hours per week, three semester hours credit. Second semester.

Deals with inversions of triads, seventh and ninth chords, harmonizations of melodies and figured basses; analysis and composition of the smaller forms; modulation.

20. Harmony (Chromatic Harmony).

Mr. Stachow

Two hours per week, two semester hours credit. First semester.

The use of dominant and diminished sevenths as embellishments of and substitutes for diatonic harmony; harmonization of melodies and figured basses; analysis of two and three part song forms; composition in two part song form. Playing of more advanced cadences and modulations at the piano.

30. Harmony (Keyboard).

Mrs. Bender

Two hours per week, two semester hours credit. Second semester.

Harmonization at the piano of melodies, both with four part harmony and accompaniment; transposition; modulation; improvisation.

#### OTHER THEORY COURSES

### 22. Scoring for the Band

Mr. Stachow

Two hours per week, two semester hours credit. Second semester.

Study of instrumentation, devices, techniques and mechanics of scoring transcriptions, arrangements and solos for concert band, special work in scoring for marching band. Laboratory analysis and demonstration of various instrumental colors and combinations. Emphasis will be placed on creative scoring and original work for band.

### 40. Counterpoint.

Mr. Lanese

Two hours per week, two semester hours credit. First or second semester.

Elementary work in strict Counterpoint (five species in Two Part and Three Part Counterpoint).

#### 41. Form and Analysis.

Mrs. Bender

Two hours per week, two semester hours credit. First semester.

This course offers an intensive study of the structure of music including hymns and simple folk songs, two and three part song forms, variations, contrapuntal forms, rondo and sonata forms. Compositions in these forms are studied and analyzed for harmonic content and structure.

43. Arranging and Scoring for the Modern Orchestra. Mr. Stachow
Two hours per week, two semester hours credit. First or second semester.

Study of modern harmony, modulation, style analysis, special instrumental effects as applied to modern arranging. Laboratory analysis and demonstration of sectional and ensemble voicings.

Instruction offered privately and in classes.

## 42. Schillinger System of Music Composition. Private teaching.

Mr. Stachow

A scientific system of music composition created by the late Joseph Schillinger, teacher of such accomplished professionals as George Gershwin, Ted Royal Dewar.

The major aims of the system are to (1) generalize underlying principles regarding the behavior of tonal phenomena, (2) classify all the available resources of our tonal system, (3) teach a comprehensive application of scientific method to all components of the tonal art, to problems of melody, rhythm, harmony, counterpoint, orchestration and to composition itself.

The system is best studied in the light of a traditional background and admission to course or private instruction will be by special permission only.

#### II. Methods and Materials

20. Methods: Child Voice and Rote Songs with Materials and Methods for Grades 1, 2, 3. Miss Gillespie

Four hours per week, three semester hours credit. Second semester.

A comprehensive study of the use of the child's singing voice in the

primary grades, including the treatment of uncertain singers, acquaintance with the best collections of rote songs, and practice in choosing, memorizing, singing, and presenting a large number of these songs; methods of presenting rhythm through singing games and simple interpretative movements; beginnings of directed music appreciation; foundation studies for later technical developments. Comparative study of recognized Public School Music Series of books.

### 30. Methods: All Materials and Methods for Grades 4, 5, 6.

Vocal: Miss Gillespie

Four hours per week, three semester hours credit. First semester.

A study of the child's singing voice in the intermediate grades; special attention to the formal or technical work of these grades, with an evaluation of important texts and recent approaches. Preparation of lesson plans, making of outlines, and observation is required. Music appreciation is continued.

### 31. Methods: Materials and Methods, Junior and Senior

High School

Vocal: Miss Gillespie

Instrumental: Mr. Thurmond

Four hours per week, three semester hours credit. Second semester.

The junior and senior high school problems are treated separately through an analysis of the specific problems, year by year or in special groups. Attention is given to materials and methods relative to the organization and directing of choruses, glee clubs, orchestra, band, elementary theory, music appreciation, and class instruction in band and orchestral instruments; study in the testing and care of the adolescent voice.

### 40. Methods: Advanced Problems.

Mr. Thurmond

Two hours per week, two semester hours credit. Second semester.

A study of the general and specific problems which confront the director of school orchestras, bands, and instrumental classes. Problems of general interest will include (1) organization and management, (2) stimulating and maintaining interest, (3) selection of beginners, (4) scheduling rehearsals and class lessons, (5) financing and purchasing instruments, uniforms, and other equipment, (6) marching bands—formations and drills, (7) evaluating music materials, (8) festivals, contests, and public performances.

### 41. Methods: Piano Pedagogy.

Mrs. Bender

Two hours per week, two semester hours credit. First semester.

A study of methods of teaching piano to children and adults. The course includes the song approach method, presentation of the fundamental principles of rhythm, sight reading, tone quality, form, technic, pedaling, transposition and the harmonization of simple melodies. Examination and discussion of materials will be included.

## 43. Seminar in Advanced Instrumental Problems. Mr. Thurmond Three semester hours credit. One semester.

Use of the tape recorder, preparation of a list of 100 most used musical

terms, most successful ways of raising money; study of the attitudes of teen-agers toward music study; how to set up an inventory for band uniforms; specifications for music rooms in new buildings; question and answer periods with visiting music directors and school administrators; observation of nearby summer instrumental programs.

### III. Student Teaching

40, 41. Student Teaching.

Mr. Thurmond, Instrumental Mr. Smith. Vocal

Eight hours throughout the year, twelve semester hours credit.

Student teaching in Music Education is done in the Annville-Cleona Joint and the Derry Township Consolidated Schools and includes vocal and instrumental work from elementary to senior high school.

A laboratory fee of \$20.00 per semester is charged for student teaching.

#### IV. Instrumental Courses

42. Advanced Instrumental Teaching.

Mr. Thurmond

Three semester hours credit. One semester.

Actual experience with practical problems involved in the following activities: teaching advanced instrumental classes, conducting sectional rehearsals and full band rehearsals, organizing and developing an exploratory instrument class, training a young marching band, scheduling, preparing and presenting a public concert.

#### Class Instruction in Band and Orchestral Instruments

Practical courses in which students, in addition to being taught the fundamental principles underlying the playing of all band and orchestra instruments, learn to play melodies on instruments of each group, viz., string, woodwind, and brass. Problems of class procedure in public schools are discussed; transposition of all instruments is taught and an extensive bibliography is prepared. Ensemble playing is an integral part of these courses.

Brass Instruments (Cornet, French Horn, Trombone, Baritone, Tuba).

10. Brass Class.

Mr. Smith

Two hours per week. One semester.

A choice of two of the above instruments.

11. Brass Class.

Mr. Smith

Two hours per week. One semester.

The remainder of the brass instruments.

Percussion Instruments (Snare Drums, Tympany, Bass Drum, etc.).

10. Percussion.

Mr. Smith

One hour per week. One semester.

Study of snare drum.

30. Percussion.

One hour per week. One semester.

Tympany, bass drum, etc.

String Instruments (Violin, Viola, 'Cello, Bass)

30. String.

Mr. Lanese

Mr. Smith

Two hours per week. One semester.

Study of violin, viola, cello, bass.

31. String.

Mr. Lanese

Two hours per week. One semester.

Study of violin, viola, cello, bass.

Woodwind Instruments (Clarinet, Flute, Piccolo, Oboe, Saxophone, Bassoon).

20. Woodwind.

Mr. Stachow

Two hours per week. One semester.

Study of the clarinet.

21. Woodwind.

Mr. Stachow

Two hours per week. One semester.

The remainder of the woodwind instruments.

#### Instrumental Seminar.

One or two hours per week. First or second semester.

Application of specific techniques to problems of class instruction.

Woodwind ... 40. Prerequisite: Woodwind 21. Mr. Stachow Brass ...... 40. Prerequisite: Brass 11. Mr. Smith String ..... 40. Prerequisite: String 31. Mr. Lanese

Percussion ... 40. Prerequisite: Percussion 30. Mr. Smith

### V. Musical Organizations

College Band.

Mr. Thurmond

Two hours per week throughout the year.

Lebanon Valley College maintains a uniformed band, the membership of which is made up of college and conservatory students. The band contributes to college life by playing at football games, by appearing on several programs during the year, and by providing the musical accompaniment for the annual May Day Fête. During the spring several concerts are given in various cities of this section of the state. Membership in the band is determined by an applicant's ability on his instrument and by the needs of the band with respect to maintaining a well-balanced instrumentation.

Girls' Band.

Mr. Thurmond

One hour per week throughout the year.

This organization is open to girls of the Conservatory and College

alike. Membership in this band is determined by the applicant's ability on her instrument, and by the needs of the band with respect to maintaining a well-balanced instrumentation. The group will participate in a spring concert.

### Symphony Orchestra.

Mr. Lanese

Three hours per week throughout the year.

The Lebanon Valley College Symphony Orchestra is a musical organization of symphonic proportions. Open alike to advanced players from the college and the conservatory, the orchestra adheres to a high standard of performance. Throughout the school year a professional interpretation of a wide range of standard orchestral literature is insisted upon.

### Beginning Ensemble.

Mr. Thurmond and Mr. Lanese

One hour per week throughout the year.

A training band and orchestra wherein students play secondary instruments and become acquainted with elementary band and orchestra literature. Opportunity will be given for advanced conducting students to conduct these organizations.

#### Glee Club.

Mr. Thurmond

Two hours per week throughout the year.

The Glee Club is a mixed chorus of selected voices. The personnel of the organization, while open to all L. V. C. students, is limited to forty members. During the spring the Club appears in concerts in several communities throughout this section of the state. Choral literature of the highest type is studied intensively.

### College Chorus.

Mr. Rovers

One hour per week throughout the year.

The mixed chorus is open to all on the campus who are interested in this type of musical performance and who have had some experience in singing.

#### Instrumental Ensembles.

In addition to the larger musical organizations there is additional opportunity for advanced players to try out for such ensembles as:

(1)	String Trio	Mr. Lanese
(2)	String Quartet	Mr. Lanese
(3)	Violin Choir	Mr. Malsh
(4)	Brass Ensemble	Mr. Thurmond
(5)	Woodwind Ensemble	Mr. Stachow

### VI. The History and Appreciation of Music

### 30. History and Appreciation of Music.

Mr. Smith

Three hours per week, three semester hours credit. First semester.

The first developments of music are treated briefly, and special emphasis is placed on the work of the contrapuntal schools and the development

of the harmonic idea in composition including the rise of opera, oratorio, and instrumental music in the sonata form. The first semester covers the development of music through the period of Beethoven. Much music of each period, style, and composer is studied.

### 31. History and Appreciation of Music.

Mr. Smith

Three hours per week, three semester hours credit. Second semester.

This is a continuation of History of Music 30 and includes the musical styles, forms, and composers of the Romantic, Impressionistic, and Contemporary periods.

### 32. A Study of Music Literature.

Miss Gillespie

Two hours per week, two semester hours credit. Second semester.

A study of music literature for elementary, secondary, and adult use. The purpose of the course is on an appreciation level; interpretation of, response to, and listening to, music. The literature is primarily instrumental and is graded to the use of the age level of the elementary, secondary, and adult.

#### VII. Miscellaneous Courses

### 20. Elementary Conducting.

Mr. Lanese

Two hours per week, two semester hours credit. Second semester.

Principles of conducting and a study of the technique of the baton are presented in this course. Each student will conduct vocal and instrumental ensembles made up of the class personnel.

#### 30. Intermediate Conducting.

Mr. Lanese

Two hours per week, two semester hours credit. Second semester.

Emphasis is given to a detailed and comprehensive study of the factors involved in the interpretation of choral and instrumental music.

### 40. Advanced Conducting

Mr. Thurmond

Two hours per week, two semester hours credit. First semester.

In addition to conducting from full score, each student will be expected to conduct in rehearsal the various concert organizations of Lebanon Valley College.

### 20. Eurythmics (movement in music)

Miss Gillespie

One hour per week, one semester hour credit. First semester.

The course offers a three-fold training: mental control through coördination; physical poise through movements made in response to rhythm; and a musical sense through the analysis of the rhythmic element in music.

### 20. Eurhythmics (movement in music).

Miss Gillespie

One hour per week, one semester hour credit. Second semester.

General survey of elementary and intermediate floor work, and interpretation together with a discussion of the principles underlying the presentation of this to children. Applied improvisation will be an integral part of the course.

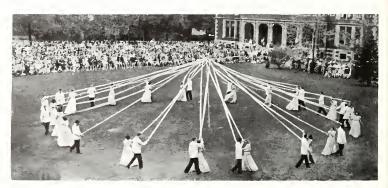


LEBANON VALLEY MAINTAINS A FULL PROGRAM OF INTERCOLLEGIATE AND INTRAMURAL ATHLETICS FOR MEN AND WOMEN



College queens, elected by the student body, are honored at many of the annual campus social events

# The traditional May Pole Dance is one of the highlights of the annual May Day pageant



#### 20. Care and Repair.

One hour per week. Both semesters.

Mr. Carmean

An analytical laboratory technique applied to methods of construction of the band and orchestra instruments. With this information as a background, preventive measures are established to avoid undue wear and deterioration of the instruments, and through actual experience the student acquires proficiency in the operations necessary in replacements and repair.

#### 40. Physical Science.

Mr. Carmean

Three hours per week, three semester hours credit. First semester. Open to music students only.

Cultivation of the scientific approach to sound and tone, with emphasis on their application to music and musical instruments. Laboratory fee \$2.

### 30. Festivals and Pageants.

Miss Bowman

Two hours per week, two semester hours credit. First semester.

Techniques involved in the organization, administration, and participation of many people in both indoor and outdoor ceremonials. Directed toward a study of structure and staging, historical data, folk activities, folk-lore, and community life and spirit. Includes the writing of the theme, planning, arranging dances, and completing a pageant.

#### VIII. Individual Instruction

### Voice, Piano, Organ, Chorus, Orchestral and Band Instruments.

The work in the foregoing fields will be organized from the standpoint of the development of musicianship in the individual student. The work continues through eight semesters and assures a well-rounded and many-sided acquaintance with various musical techniques.

Private instruction is provided in Applied Music (Piano, Voice, Organ, Violin, and all instruments of orchestra and band).

Piano: Mrs. Bender, Mr. Fairlamb, Mrs. Kinsley.

Voice: Mr. Crawford, Mr. Rovers.

Organ: Mr. Campbell.

Violin: Mr. Malsh.

Brass: Mr. Thurmond.

Viola, 'Cello, and String Bass: Mr. Lanese.

Woodwind: Mr. Stachow.

### IX. Preparatory Department

The Conservatory of Music sponsors a Preparatory Department especially adapted to children of elementary or high school age.

This Preparatory Department offers either private or class instruction in piano and all instruments of the band and orchestra. A desirable number for class instruction is from four to six members.

#### THE STUDENT RECITALS

The student evening recitals are of inestimable value to all students in acquainting them with a wide range of the best musical literature, in developing musical taste and discrimination, in affording young musicans experience in appearing before an audience, and in gaining self-reliance as well as nerve control and stage demeanor.

Students in all grades appear on the programs of these recitals.

#### FEES

A Matriculation Fee of five dollars must be paid by all full-time students who are entering the College or Conservatory for the first time. This fee should accompany the application for admission. If a student's application is not accepted, the fee will be returned.

All students not enrolled in regular College or Conservatory Courses will be required to pay a matriculation fee of one dollar, once in each school year.

The rate for the Music Education Teachers' and Supervisors' Course is \$510 per year for tuition, and also a fee of \$45 for student activities.

The Music Education Teachers' and Supervisors' Course requires two private lessons per week. It includes the use of a practice room two hours daily and theoretical and college courses not exceeding a total of 17 semester hours each semester. The payment for one private lesson will be included in the tuition. Payment for the second private lesson will be an extra fee.

Extra hours in theoretical and college courses will be charged at the rate of \$15.00 per semester hour. Since fractional hours of credit are granted for certain courses in the music school, the charge for such credits will be the proportionate amount of \$15.00 such as \$7.50 for one-half credit hour.

#### Private Lessons

The rate per semester, one lesson per week, is \$40.00.

The rate per semester, one class lesson per week in the Preparatory Department, is \$20.00.

#### Rent of Practice Instruments and Rooms

*Practice room, one hour daily per semester	\$ 5.00
*Each additional hour daily for practice per semester	5.00
Organ, one hour daily, per semester	35.00
Organ, two hours weekly, per semester	15.00
Band and Orchestra Instruments, per semester	7.50

<sup>\*</sup> For people not matriculated as music majors.

# SPECIFICATIONS OF THE FOUR-MANUAL MÖLLER ORGAN

	GREAT ORGAN (uner  16' Violone	61 Pipes 61 Notes 61 Pipes	2-2/3' 2' 2' 8' 8'	Dulciana Twelfth Rohr Nazard Piccolo Dulciana Clarinet Harp Celesta Tremulant  ORGAN (enclosed) Diapason Chorus2	61 Pipes 61 Pipes 61 Notes 73 Pipes 49 Bars 37 Notes
I	II Rks. Mixture Chimes (from So	163 Pipes	8′ 8′	Gamba	<ul><li>73 Pipes</li><li>61 Pipes</li></ul>
	8' Vox Celeste 4' Octave	73 Pipes 73 Pipes 73 Pipes 73 Pipes 73 Pipes 61 Pipes 73 Pipes	8' 4' 4' 8' 1	Viole Sourdine Viole Celeste Gamba Orchestral Flute Tromba French Horn Clarion Chimes Tremulant	61 Pipes 61 Notes 73 Pipes 73 Pipes 73 Pipes 61 Notes
1	4' Flute Triangulair 4' Salicet 2' Fifteenth 1-3/5' Tierce II Rks. Mixture 16' Waldhorn 8' Trumpet 8' Oboe 8' Vox Humana 4' Clarion Tremulant  CHOIR ORGAN (encl.) 16' Dulciana	61 Notes 61 Pipes 61 Notes 183 Pipes 73 Pipes 73 Pipes 73 Pipes 73 Pipes 73 Pipes 73 Pipes	16' 16' 16' 16' 16' 16' 8' 8' 8' 4'	L ORGAN Diapason Bourdon Violone Dulciana Flute Conique Octave Flute Major Concert Flute Gamba Dulciana Flute Quint	32 Pipes 32 Notes 32 Notes 32 Notes 12 Pipes 12 Pipes 32 Notes 32 Notes 32 Notes 32 Notes 32 Notes
	8' English Diapason 8' Concert Flute 8' Dulciana 8' Unda Maris 4' Flute d'Amour 4' Dulciana 4' Unda Maris II .	73 Notes 73 Pipes 73 Pipes 73 Notes	16' 16' 8' 8' 4' (	Mixture Trombone Waldhorn Trumpet Tromba Clarion Chimes (from Solo)	32 Pipes 32 Notes 32 Notes 32 Notes 32 Notes
S S C C C S S S S S S S S S S S	well to Great well to Great 4' well to Great 16' hoir to Great 16' hoir to Great 4' hoir to Great 16' olo to Great 16' olo to Great 4' olo to Great 16' olo to Choir olo to Choir 4' olo to Choir well to Choir 4' well to Choir 16' well to Choir 16'	Choir 4' Choir 16' Choir Unison ( Solo to Swell Solo to Swell 1 Choir to Swell Choir to Swell Choir to Swell Choir to Swell Swell 4' Swell Unison ( Solo 4' Solo 16'	Off 4' 66' 4' 16'	Solo Unison ( Great 4' Great Unison Swell to Solo Swell to Solo Solo to Pedal Solo to Pedal Swell to Peda Swell to Peda Great to Peda Great to Peda Choir to Peda Choir to Peda	Off 4' 16' 4' 1 1 4' 1 1 4' 1 1 4'

#### MECHANICALS

MECHAN	VICALS
8 Pistons affecting Swell Organ	Balanced Expression Pedal-Solo Organ
8 Pistons affecting Great Organ	Balanced Crescendo Pedal
8 Pistons affecting Choir Organ	5 Full organ combination Pistons du-
8 Pistons affecting Solo Organ	plicated by toe studs
8 Pistons affecting Pedal Organ	5 Pedal combination Pistons duplicated
10 Pistons affecting Full Organ	by toe studs
Crescendo Indicator—slide—four stages	Pedal to Swell-On and off
Sforzando Piston and toe stud	Pedal to Great-On and off
All Swells to Swell Piston and toe stud	Pedal to Choir-On and off
Great to Pedal Reversible	General Cancel Piston
Swell to Pedal Reversible	Coupler Cancel Piston
Choir to Pedal Reversible	Combination cut-out with lock
Solo to Pedal Reversible	Electric Clock
Balanced Expression Pedal—Choir Organ	Harp Dampers
Balanced Expression Pedal-Swell Organ	Chimes Dampers
10 Pistons affecting Full Organ Crescendo Indicator—slide—four stages Sforzando Piston and toe stud All Swells to Swell Piston and toe stud Great to Pedal Reversible Swell to Pedal Reversible Choir to Pedal Reversible Solo to Pedal Reversible Balanced Expression Pedal—Choir Organ	by toe studs Pedal to Swell—On and off Pedal to Great—On and off Pedal to Choir—On and off General Cancel Piston Coupler Cancel Piston Combination cut-out with lock Electric Clock Harp Dampers

SPECIFICA	TIONS OF THE	REE-M	ANUAL ORGAN	
	INSTALLE	ED 1949	9	
GREAT ORGAN		SWEL	L ORGAN	
8' Diapason 8' Bourdon 8' Gemshorn 4' Octave 4' Bourdon 4' Gemshorn 2-2/3' Gemshorn Twe 2' Gemshorn Fif Tremulant	73 Pipes 73 Pipes 12 Pipes 12 Pipes 12 Pipes 12 Pipes 12 Pipes 11 Pipes 11 Pipes	8' 8' 8' 4' 2-2/3' 2'	Rohrbourdon       7         Rohrgedeckt       1         Viole de Gambe       7         Viole Celeste       6         Rohrflote       1         Gambette       1         Nazard       6         Flautino       6         Trompette       7         Tremulant       7	2 Pipes 3 Pipes 1 Pipes 2 Pipes 2 Pipes 1 Notes 1 Notes
CHOIR ORGAN		PEDA	L ORGAN	
8' Viola	73 Pipes 73 Pipes 73 Pipes 12 Pipes 12 Pipes 12 Pipes 16th 61 Notes 16th 61 Notes	16' 8' 8' 8' 8'	Bourdon         3           Rohrbourdon         3           Bourdon         1           Rohrgedeckt         3           Gemshorn         3           Dulciana         3           Rohrflote         3	Notes Pipes Notes Notes Notes Notes
	COUPL	ERS		
Great to Pedal Great to Pedal 4' Swell to Pedal 4' Choir to Pedal 4' Choir to Pedal 4' Swell to Great 16'	Swell to Great Choir to Great Choir to Great Choir to Great Swell to Choir Swell to Choir	16' 4' 16'	Great 4' Swell 16' Swell 4' Choir 16' Choir 4' Unison off Swell,	Choir,

	COUPLERS	
Great to Pedal	Swell to Great 4'	Great 4'
Great to Pedal 4'	Choir to Great 16'	Swell 16'
Swell to Pedal	Choir to Great	Swell 4'
Swell to Pedal 4'	Choir to Great 4'	Choir 16'
Choir to Pedal	Swell to Choir 16'	Choir 4'
Choir to Pedal 4'	Swell to Choir	Unison off Swell, Choir,
Swell to Great 16'	Swell to Choir 4'	and Great
Swell to Great	Great 16'	

#### ADJUSTABLE COMBINATIONS

Pistons	No.	1-2-3-4	Affecting	Great	Stops
Pistons	No.	1-2-3-4	Affecting	Swell	Stops
Pistons	No.	1-2-3-4	Affecting	Choir	Stops
Pistons	No.	1-2-3-4	Affecting	Pedal	Stops
Pistons	No.	1-2-3-4	Affecting	Full (	Organ
General	Can	cel Piston			_

#### PEDAL MOVEMENTS

Great to Pedal Reversible (duplicated by manual piston) Swell to Pedal Reversible (duplicated by manual piston) Balanced Expression Pedal—Great—Choir Organs Balanced Expression Pedal—Swell Organ Balanced Crescendo Pedal Sforzando Pedal (duplicated by manual piston)

#### SPECIFICATIONS OF TWO-MANUAL ORGAN INSTALLED 1948

GREAT ORGAN		SWELL ORGAN
8' Diapason	Notes Notes Notes Notes	8' Stopped Diapason . 73 Pipes 8' Salicional . 73 Pipes 8' Vox Celeste . 73 Pipes 4' Flute D'Amour . 73 Notes 2-2/3' Nazard . 73 Notes 2' Piccolo . 12 Pipes 8' Clarinet . 73 Pipes Tremulant

#### PEDAL ORGAN

16′	Bourdon		32	Pipes
16'	Lieblich	Gedeckt	32	Notes
8'	Flute		32	Notes

#### COUPLERS

Great to Pedal	Swell to Great	Swell 16'
Swell to Pedal	Swell to Great 4'	Swell 4'
Swell to Pedal 4'	Great 16'	Great Unison off
Swell to Great 16'	Great 4'	Swell Unison off

Pistons No. 1-2-3 Affecting Great Stops Pistons No. 1-2-3 Affecting Swell Stops Great to Pedal Reversible Sforzando Reversible Also a two-manual unified practice organ of nineteen stops and Swell to Great Coupler.

## Degrees

### CONFERRED JANUARY 29, 1954

#### Bachelor of Arts

Gene Irwin Helms

Mary Stuart Smith

Frances Jeanne Shroyer

## CONFERRED MAY 31, 1954

### Bachelor of Arts

Raymond Henry Coble, Jr.
Alice May Daniel
Donald DeBenedett
Evelyn Margaret Eby
Gail Gwendolyn Edgar
James Kenneth Fry
William Dominick Gorgone
Donald Lee Harbaugh
Calvin Bushey Haverstock, Jr.
Barbara Ann Hess
Paul Edward Holligan
Mary Rosella Hollinger
Robert George Hower, Jr.

Ruth Anne MacFarland Vernale Darline Moyer Lucie Adele Marie Portier Barbara Grace Ranck Charles Allen Reed Frank Anthony Ritrievi Harold Yorty Sandy Louis Angelo Sorrentino Philip Henry Thierolf Leah Katherine Thorpe Masami Uchida Donald Lester Van Cook Janice Eleanor Walker

Robert Shannon Zimmerman

#### Bachelor of Science

With a Major in Science

James Russell Cox Patricia Wood Edris James Robert Enterline Jay Allen Felty Herbert Finkelstein Harry Wesley Hall, Jr. Robert Alexander Houston, Jr. Richard Clark Musselman Charles Abert Roseberry Chester Edward Snedeker John Henry Staub Robert John Wagner

Charles Edward Yingst

#### With a Major in Economics and Business

Betty Carolyn Criswell Donald Samuel Fleming Walter Harold Fry, Jr. Louis Gittleman Edward Joseph Hutchko

Barbara Ann Kreiser Robert Louis Krieg Lee Crist Smith Richard George Styring Clair Dean Wagner

#### With a Major in Music Education

Joanne Onata Bachman Bruce Allen Baver Joann Nancy Butt Robert Bruce Campbell George David Councill Kenneth Cassel Donmoyer Nancy Yvonne Eckenroth John Thomas Ervin Katherine May Eschenbach Donald Joseph Gingrich Doris Cortright Heck Sara Anne Herr

Carol Adelaide Johnstone Elizabeth Jane Lower William Albert Lutz, II Ralph Raymond Minnick, II Frank Waring Mulheron Geraldine Rayola Nichols Joan Ringle John Sant Ambrogio Patricia Vivian Satterthwaite Glenda Ann Scott Prowell Mack Seitzinger Marion Marie Sentz Bernard Lee Shaak Jane Mellin Smith Elwyn Fisher Spangler Betty Jane Swisher Julia Ann Ulrich Sylvia Mae Wolfskill

With a Major in Elementary Education
Agnes May Souders

#### Bachelor of Science in Chemistry

Francis Paul Alepa Robert Henry Boyd Jack Richard Celeste Wiley Edgar Daniels Wiliam Henderson Kelly

#### Honorary Degrees

Theodore R. Fetter
Mary Edith Gillespie
Millard Elwood GladfelterDoctor of Humane Letters
George Edgar Hertzler
Lester Millard Kauffman
Huber Dale Strine

#### Graduates Cum Laude

Barbara Grace Ranck Robert Henry Boyd Doris Cortright Heck Julia Ann Ulrich William Henderson Kelly

#### **ELECTED TO MEMBERSHIP**

### Phi Alpha Epsilon

#### Honorary Scholarship Society

Robert Henry Boyd Raymond Henry Coble Gail Gwendolyn Edgar Herbert Finkelstein William Henderson Kelly Vernale Darline Moyer Lucie Adele Marie Portier Barbara Grace Ranck

#### CONFERRED AUGUST 27, 1954

#### Bachelor of Arts

Richard George Dunwoody Frances Thomas Shearer Donald Howard Whitman

#### Bachelor of Science

With a Major in Science

William Emlyn Davies

Robert Evan Deppen

With a Major in Economics and Business
Donald LeRoy Burkholder

With a Major in Education George John Cardone

With a Major in Elementary Education
Esther Smith Rittle

Bachelor of Science in Chemistry Clyde Melvin Walter

# Addresses of Faculty and Administrative Officers, and Assistants

#### 1954-1955

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renr, Alex J	.404 Walnut Street, Lebanon, Pa	7.2624
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Date Min Committee	22 December Assess Class De	2 9794
reiner, Miss Suzanne L	.32 Rosemont Avenue, Cleona, Pa	2-8/84
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-,,		

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# Register of Students

First Semester, 1954-1955

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Flickinger, Boyd Carl Biology Mifflintown, Pa. Fortna, Marian Louise Music Education R.D. 1, Lancaster, Pa.
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Krouse, Philip Elliott Chemistry 2111 Washington St., Altoona, Pa. Landa, Howard Victor Sociology 1801 Ashley Rd., Philadelphia, Pa.
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## **JUNIORS**

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Becker, Dean A Spanish
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Blantz, Norman Victor, Jr., History
Blatt, Miriam AnnabelleMusic Ed
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Buck, Joyce Elaine Biology
Clements, Emily Eileen Elem. Ed
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Thompson, Bruce Getz	Music Ed205 S	Springfield Ave., Folsom, Pa.
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Urian M. Irene	English 330 S	warthmore Ave., Folsom, Pa.
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Tyson, James Daniel	• Music Ed211 S. H	igh St., Mechanicsburg, Pa.
Uhrich, Thomas Vincent	· History	50 S. 5th St., Lehanon, Pa.
Vogel, Robert Forrest	· Chemistry	Market St., Leechburg, Pa.
Walker, Robert Stanley	• Music Ed7633 Oak	Lane Rd., Cheltenham, Pa.
Warlow John Joseph	• Elem. Ed	. Cloud St., Allentown, Fa.
Weaver, Beverly Anne	Music Ed	.699 Broad St., Akron, Pa.
Weaver, Herman Lester, Jr.	· Pre-Engineering Box 189.	R.D. 1, Hummelstown, Pa.
Weber, Mark Stuart	• Economics2320	N. 4th St., Harrisburg, Pa.
Weinel, Ronald Blair	· Economics	R.D. 1, Apollo, Pa.
Weit, Sandra Jean	· Sociology3	P.D. 1 Reinholds Pa
Wentling George Martin	. Chemistry 143	S. King St., Annville, Pa
White, Edward Charles	· Religion	.117 Mill St., Cleona. Pa.
Williamson, Donna Margaret	· Music Ed2050 Wh	itehall St., Harrisburg, Pa.
Wingenroth, Gerald Shober	· Music Ed	Box 77, Reamstown, Pa.
Wolte, James Franklin	· Science	Main St., Dallastown, Pa.
Wright Tames Clifford	Chamistry 29 S	see Rd Bergenfield N I
Yorty, Tudith Marcella	. Music Ed Fairv	riew Heights, Lebanon, Pa.
Zimmerman, Susan Ruth	. Music EdBloom	ingdale Rd., Akron, N. Y.

#### SPECIALS

Carmean, Mrs. EdnaLiberal Arts
Esbleman, Dorothy Lorraine. Liberal Arts
Gish, William DaleLiberal ArtsCommunity Club, Hershey, Pa.
Kato, Masako
Kamikyoku, Kyoto, Japan
Kamikyoku, Kyoto, Japan Lescisko, Lawrence Joseph. Chemistry21 W. Penn Ave., Cleona, Pa.
Marti, DanielEconomicsZofingen/AG—Switzerland
Spencer, Denton LeRoy Pre-Theological 23 S. Lancaster Ave., Annville, Pa.

#### SPECIALS IN DEPARTMENT OF MUSIC

#### Part-time

Name	Major	Home Address
Addison Toon	Violin	209 Hathaway Park, Lebanon, Pa.
Arndt Tudu	Pinno	25 Campbelltown Road, Palmyra, Pa.
Arnold Loffron	Wielin	10 E. Walnut Street, Lebanon, Pa.
Palan Tanat	Diam.	43 N. Forge Street, Palmyra, Pa.
Daker, Janet	. Fiano	43 N. Forge Street, Falmyra, Fa.
Baker, Judy	. Piano	
Baker, Nancy	. Piano	R.D. No. 1, Palmyra, Pa.
Bonner, Diane	. Organ	
Bollinger, Robert	.lrombone	
Bowman, James	. Violin	20 S. 10th Street, Lebanon, Pa.
Bowman, Joan	.Trumpet	520 E. Main Street, Palmyra, Pa.
Bowman, John	. Organ	20 S. 10th Street, Lebanon, Pa.
Brown, Dale	. Violin	
Brown, Ray	.Trumpet	315 N. 8th Street, Lebanon, Pa.
Daugherty, Jean	. Piccolo	
Dechert, Joan	. Violin	5 S. 6th Street, Lebanon, Pa.
Dissinger, Sandra	.Piano	Campbelltown, Pa.
Dissinger, Vicki	. Piano	Campbelltown, Pa.
Eshleman, Lorraine	.Chorus	R.D. No. 4, Lebanon, Pa. 502 E. Main Street, Annville, Pa.
Frederick, Ann	. Violin	502 E. Main Street, Annville, Pa.
Gerberich, Lavern	.Organ	Jonestown, Pa.
Gibble, Edward	.Piano	Forge Road, Palmyra, Pa.
Gilbert, Barbara	.Flute	320 E. High Street, Lebanon, Pa.
Gockley, Joan	. Piano	303 S. White Oak St., Annville, Pa.
Gray, Penelope	. Violin	48 N. Railroad Street. Annville, Pa.
Haak, Edna	.Flute	720 S. Railroad St., Myerstown, Pa.
Harkins, Alice A	. Piano	153 W. Areba Avenue, Hershey, Pa.
Heagy, Carol	.Flute	R.D. No. 4, Lebanon, Pa.
Hoffman, Mary Louise	. Piano	
Hollingsworth Suzanne	Piano	36 N. College Street, Palmyra, Pa.
Honker, Andrew	. Flute	Myerstown, Pa.
Honker, Nancy	. Violin	Myerstown, Pa.
Hostetter, Eloise	. Piano	22 N. Lincoln Street, Palmyra, Pa.
Houston, James	. Horn	R.D. 2, Annville, Pa.
Houston Innet	Violin	R II No 2 Annuille Pa
Jeffers, David	.Organ	
Kadel, Karen	.Violin	1202 Colebrook Road, Lebanon, Pa.
Kadel, Nella	. Piano	1202 Colebrook Road, Lebanon, Pa.
Kegerize, Eve	. Piano	Hersney, Pa.
Kegerreis, Nancy	. Piano	R.D. No. 1, Campbelltown, Pa.
Kern, Pamela	. Piano	
Kettering, Joan	. Piano	559 E. Main Street, Annville, Pa.
Kilmoyer, Robert	. Clarinet	815 Guilford Street, Lebanon, Pa.
King, Carole	. Violin	355 S. 2nd Street, Lebanon, Pa.
Knapp, Nancy	.Clarinet	440 E. Walnut Street, Lebanon, Pa.
Kreider, Donna	. Saxophone	
Kreider, Linda	.Flute	R.D. No. 4, Lebanon, Pa.
Kreider, Thomas	. Baritone	
Lau, Robert	. Violin	1020 Lehman Street, Lebanon, Pa.
Lebo, John	.Organ	125 E. Ridge Street, Carlisle, Pa. Music1972 W. 73rd Ave.,
		Philadelphia, Pa
Levy, Betty	. Piano	
Lowry, Jean	. Piano, Hist.	Music Street,
36 4 2	TO!	East Orange, N. J.
May, Anita	. riano	201 N. Franklin Street, Palmyra, Pa.

Name	Major	Home Address
Mentzer Jeannine	Piano	Campbelltown, Pa.
Meyers Eleanor	Piano	231 E. Areba Street, Hershey, Pa.
Miller Barbara	Organ	109 S. Third Street, Lebanon, Pa.
Miller Innet	Piano	.763 E. Maple Street, Annville, Pa.
Miller Tay	Clarinet	.221 Chestnut Street, Lebanon, Pa.
Mills, Robert	Saxophone	545 N. 10th Street, Lebanon, Pa.
		101 Wilson Avenue, Cleona, Pa.
Morrison, Marianne	Flute	101 Wilson Avenue, Cleona, Pa.
Mover Karl	Organ	R.D. No. 2, Hershey, Pa.
Pfontz Glen	Piano 334	W. High Street, Elizabethtown, Pa.
Riley, Jane	Piano	12 E. Chestnut Street, Lebanon, Pa.
Risser, Mary Ellen	Chorus	117 West End Avenue Lititz Pa
Saylor, Agneta	Piano	.117 West End Avenue, Lititz, Pa. 803 E. Maple Street, Annville, Pa.
Schneider Joel	Flute	237 W. Locust Street, Cleona, Pa.
Schoher Ann	Violin Piano	40 E. Cherry Street, Palmyra, Pa.
		433 Chestnut Street, Lebanon, Pa.
Shaak George	Clarinet	200 Pershing Avenue Lebanon Pa
Shale Sandra	Piano	200 Pershing Avenue, Lebanon, Pa Cornwall, Pa.
Shale Stephanie	Piano	Cornwall, Pa.
Sheese Barbara	Flute	.136 E. Locust Street, Annville, Pa.
		.42 E. Cherry Street, Palmyra, Pa.
Sherk Lynda	Piano	.42 E. Cherry Street, Palmyra, Pa.
Silberman Robert	Piano	213 E. High Street, Lebanon, Pa.
Silvernail Mrs Viola	Organ	439 N. Chestnut St., Palmyra, Pa.
Spohn Veralyn	Piano 2	18-A N. Railroad St., Palmyra, Pa.
Strausser Faith	Violin	P. O. 18, Kleinfeltersville, Pa.
Suhr Susan	Flute	20 E Main Street Myerstown Pa
Suter Sandra	Violin	.20 E. Main Street, Myerstown, Pa204 High Street, Lebanon, Pa.
Swartz Anne Elaine	Organ	E. Granada Avenue, Hershey, Pa.
Thompson Diann	Violin	126 Guilford Street, Lebanon, Pa.
Thurmond Marianne	Piano	831 E. Maple St., Palmyra, Pa.
Tittle M Eileen	Organ, Harmony	213 E. Oak Street, Palmyra, Pa
Wagner Sandra	Piano	213 E. Oak Street, Palmyra, Pa. Prince & Arch Sts., Palmyra, Pa.
Walmer Diane	Piano	6 E. High Street, Annville, Pa.
Whisler Lillian	Piano	1045 Willow Drive, Annville, Pa.
Williams Harry M	Voice	Annville, Pa.
Witman, Karen	Piano	R.D. No. 5, Lebanon, Pa.
Witters, Sarah	Violin	.1032 Colebrook Road, Lebanon, Pa.
Wood Curtis	Trombone	5 W. Sheridan Ave., Annville, Pa.
77 000, 00103 111111111		iv. bacidan rive, rimivine, ra.

#### **EVENING CLASSES**

Name	Home Address
Atticks, Elizabeth	1945 Briggs St., Harrisburg, Pa 1236 Derry St., Harrisburg, Pa.
Baal, Mrs. Earlene	
Bissinger Ruby C	711 N. Railroad St., Palmyra, Pa.
Book H. Barrett	
Bohr Dean Henry	Orwin, Pa.
Boltz, Margaret	
Bosacco, David	
Bowman, Elizabeth Louise	
Bright, James A	
Caplinger, Lauretta June	Philhaven Hospital, R.D. 5, Lebanon, Pa.
Carter, Mrs. Gladys F	
Cook, Doris Aliene	417 Fifth St., New Cumberland, Pa.
Cooper, Geneva A	Jonestown, Pa.
Crincoli Peter Michael	Jonestown, Pa328 South St., Elizabeth, N. J.
DeHart Richard M	1523 Naudain St., Harrisburg, Pa.
Deibler, John H.	17 E. Pottsville St., Pine Grove, Pa.
Eppler, Mervin A.	
Feeser, Stuart Reichert, Jr	
Fisher, Esther Mae	. Philhaven Hospital, R.D. 5, Lebanon, Pa.
Forrey, Mrs. E. Florence	
Frank, Thomas	
Fulk, Paul	Lawnton, Pa.
Gearnart, Florence E	State Hospital, Wernersville, Pa.
Geesey, Eugene K.	
Goodman, Mrs. Mary-Grace	

Name	Home Address
Grigg, Arlie Mason	
Hall, Harry Wesley, Jr. Harman, Barbara E. Hassler, Marian Louise	227 W. High St., Hummelstown, Pa.
Harman, Barbara E	R.D. 1, Lykens, Pa.
Hassler, Marian Louise	1126 Brandywine St., Lebanon, Pa.
Heffner, W. Howard	30 S. Lancaster St., Annville, Pa.
Horst, Mrs. Clarian L. Groff	
Horst, Mrs. Clarian L. Groff	242 W. Locust St., Cleona, Pa.
Kauffman, John E., III	165 Susquehanna Ave., Enola, Pa.
Keefer, Jack N	123 School Plaza, Hershey, Pa.
Kelly, Mrs. Ardelle Ann	8 Krick Ave., Sinking Spring, Pa.
King, Mrs. Alma Marie	
Kline, Stanley H	
Kruger, David B	
Letteney, Charles Joseph	Apt. 4, 357 N. 12th St., Lebanon, Pa.
Light, Harold H	
Martin, J. Horace	R.D. 5, Lebanon, Pa.
Martin, Ruth Leiset	Philhaven Hospital, R.D. 5, Lebanon, Pa.
McGinn, Frank P.	903 Smith Ave., Lebanon, Pa.
Mengel, Grayce Elnora	
Murphy, Mary Ellen	
Nitrauer, Mrs. Catherine Heckman	
Partridge, Kenneth E	
Rankin, Robert Elwood	
Reed, Dorothy M	Smith & Herman Sts., Lebanon, Pa.
Reiter, Ann Dolores	
Schaffner, William C	720 C 21-t Ct II-mi-lum D
Schreiber, William H.	200 Cuilfand St. Johanna Da
Sheaffer, Robert M	1621 Pridge St. New Combaniend De
Shearer, Robert M	1031 Bridge St., New Cumperland, Pa.
Shuey, Janice	State Hoositel Wemperville De
Spier, Joseph W.	
Stevens, Glenn R.	2002 North St. Harrichurg Do
Taylor, Earle F., Jr	2210 Horn St. Harrisburg, Fa.
Urban, Robert J.	D D 5 Lobanon Da
Vallely, Joseph R.	114 S Arlington Ave Harrichurg Pa
Watson, Mary L.	
Whitman, Dorothy J.	524 S Lincoln Ave Lebanon Pa
Wolfe, Barbara Ann	319 S. 10th St. Lebanon, Pa.
Wolfe, Phyllis M.	
Yerkes, William A.	229 N. Lancaster St., Annville, Pa.
Yost, Ray E., Jr.	511 E. Cumberland St., Lebanon, Pa.
Zajac, Joseph	V.A. Hospital, Lebanon, Pa.
majas, Joseph IIIIIIIIIIIIIIIIIIIIIIIIIII	

EXTENSION DEPARTMENT
Name Home Address
Albright, Anna M
Barton, Mrs. Velda L
Bock, Henry B
Brubaker, Marjorie H
Care, Elsie G. River House 805, Harrisburg, Pa. Carter, Noah
Cook, Doris Aliene
DeHart, Richard M
Deibler, John H
Deimler, Evelyn Pauline
Eckenrode, James A
Eichelberger, Mrs. Mary Lewisberry, Pa.
Emerick, Arden Watts, Jr. R.D. 3, Harrisburg, Pa. Faber, Elmer W
Gingrich, Donald S
Goudy, Miriam H
Graffius, Ralph Duane
Hail, Mrs. Lida F. Kidwell
Hetzel, Frances Louise
Intrieri, Gloria Iean
Jackson, Frederick S
Johnson, Sanford C

Name	Home Address
Judy, Harry Heistand, Jr	352 S. Catherine St., Middletown, Pa.
Kauffman, John E., III	165 Susquehanna Ave., Enola, Pa.
Keefer, Jack N	
Kitch, Malvina E	2302 N. 3rd St., Harrisburg, Pa.
Krontz, Geraldine V. M	340 S. 13th St., Harrisburg, Pa.
	2820 Walnut St., Harrisburg, Pa.
	2436 Canby St., Harrisburg, Pa.
Miller, Donald N	511 Market St., New Cumberland, Pa.
Nevada, Steven	Box 18, Hill Station, Harrisburg, Pa.
Oberholtzer, Kathleen	.2815 Canby St., Penbrook, Harrisburg, Pa.
Overby, Archer R., Jr	108 E. Marble St., Mechanicsburg, Pa.
Overton, William M	
Ratchine, Joan Reid	
Knen, George William, Jr.	156 Sylvan Terrace, Harrisburg, Pa.
Sherman Robert W	1322 Kittatinny St., Harrisburg, Pa.
Shirk Nancy R	
Shney Tanice	126 North Ave., Palmyra, Pa.
Smith Charles W	1913 Kent Drive, Camp Hill, Pa.
	3316 Sunnyside Ave., Progress, Pa.
	3316 Sunnyside Ave., Progress, Pa.
Sprecher, Carl A	R.D. 20, Pansy Hill, Lebanon, Pa.
Stetz, Mrs. N. E	
Stevens, Glenn Richard	
Sullivan, Thomas J	
Updegrove, Mary Gladys	Harrisburg Hospital, Harrisburg, Pa.
Watson, Mary L	
Wilson, Donald D	
Wilson, Lois Jean	. Mounted Route, Trindle Rd., Carlisle, Pa.
Yelito, Mary Barbara2 Vill	age Rd., Highland Village, Camp Hill, Pa.

#### SUMMER SESSION, 1954

Name	Home Address
Abbot, William Young, JrVin	110,110 1100,100
Adams, Gene Roger	
Allen, Jearald D	P.D. 1 Oldtown Pd. Oldtown Md.
Albert, Elizabeth I.	120 S 14th St Harrishurg Do
Barr, Russell W	720 Washington St. Allentonin Da
Basehore, Harold E.	Pow 62 Churchtown, Pa
Blecker, Bruce W.	224 F Walnut St Labanan Da
Boehler, Ramon Barry	
Bohr, Dean H.	Ormin Do
Boltz, Margaret Virginia	120 Shell St Harrichurg Da
Boyer, Carl Stanley	D D 1 Crantville Do
Brechbill, Joseph A.	104 Center St Cleans Pa
Brown, Raloy E	Frederickshurg Pa
Burkholder, Donald LeRoy	508 Pleasure Road Langueter Pa
Burtner, Robert R., Jr.	3014 N Harrison St Palmyra Pa
Cardone, George J	216 Oak Hill Ave Endicott N I
Carroll, Wilda	105 Petroleum Ave Claysville Pa
Castiglia, Rita Jean	64 N. 17th St., Harrisburg, Pa.
Catanzaro, Frank	367 E. Butler Ave., Ambler, Pa.
Conlin, Joan Elizabeth	VA Hospital, Lebanon, Pa.
Connable, Gillian Tomlin	118 E. Chocolate Ave., Hersbey, Pa.
Davies, William E	
DeBenedett, Jaquelyn Fetterhoff	
Deitrich, Richard E	539 W. Oueen St., Annville, Pa.
Deppen, Robert Evan	1222 Douglass St., Reading, Pa.
Dove, Jacqueline Faye	1300 N. 8th St., Lebanon, Pa.
Dukes, Arthur James	513 Laurel Ave., Cresson, Pa.
Dunwoody, Richard George	
Eberly, Enos Charles	67 W. Main St., Dallastown, Pa.
Eberts, Jessie M. E	616 Benton St., Harrisburg, Pa.
Eckenroth, Mary Elizabeth	139 Trinidad Ave., Hershey, Pa.
Emerick, Mrs. Marcella Thorp	R.D. 3, Harrisburg, Pa.
Farver, Robert Willis	132 Bosler Ave., Lemovne, Pa.

Name	Home Address
Fetterolf, Drew T	7 E. Main St., Annville, Pa.
Fetterolt, Drew T.       380         Finnegan, Patricia Anne       380         Flickinger, Boyd Carl       24         Fortna, Marian Louise       2         Fry, James K.       213 Re         Geesey, Eugene R.       46         Gittleman, David       5         Classe Descript       115	N. Eighth St., Lebanon, Pa.
Flickinger, Boyd Carl	S. Main St., Millintown, Pa.
Fry James K 213 Re	no St. New Cumberland Pa
Geesey, Eugene R	1 E. Main St., Annville, Pa.
Gittleman, David	Sunbury St., Minersville, Pa.
Glazer, Donald112	9 Whitby Ave., Yeadon, Pa.
Gold, Diane Lois9th	& Poplar Sts., Lebanon, Pa.
Corchin Joseph Louis	rview Heights, Lebanon, Pa.
Harlacher Frank Myers Ir 2540 Waln	ut St Ant 6 Penhrook Pa
Harman, Richard Jehu, Jr30	6 George St., Harrisburg, Pa.
Hassler, Marian Louise1126	Brandywine St., Lebanon, Pa.
Gittleman, David         18           Glazer, Donald         112           Gold, Diane Lois         9th           Gollam, Ruth E.         Fai           Gorshin, Joseph Louis         R.D.           Harlacher, Frank Myers, Jr.         2540 Waln           Harmau, Richard Jehu, Jr.         30           Hassler, Marian Louise         1126 J           Henry, Aun Holland         We           Heill, Nicholas Lohn         360           Hill Nicholas Lohn         360	2 E. High St., Lebanon, Pa.
Hetko, Etnel M	E Labrar St Laborar Da
Hill, Nicholas John	V 9th St., Front Royal Va
Hostetter, Cyrus Lee	Rose View, Hershey, Pa.
Jenkins, Robert R	Hyattstown, Md.
Hosterier, Cyrus Lee Jenkins, Robert R. Landa, Howard Lantz, Wilbur	Ashley Rd., Philadelphia, Pa.
Lantz, Wilbur45	V Front St. Harrichurg Pa.
Ludwig, George K	Grand Ave., Tower City, Pa.
Lutz Benjamin Vermont	92 E. Front St., Lititz, Pa.
Marinkov, George	313 N. 5th St., Lebanon, Pa.
Lantz, Wilbur 4. Long, Arthur E	I E. Areba St., Hershey, Pa.
Moore Millyman 1221 F	Sumberland St., Ephrata, Pa.
Murphy, Mary E.	341 N. 8th St., Lebanon, Pa.
Orbach, Mrs. Rosalind Mermelstein2765-	A Green St., Harrisburg, Pa.
Osinski, Mildred Johanna84	5 Olive St., Camden 4, N. J.
Osinski, Mildred Johanna	16 State St., Harrisburg, Pa.
Radonich, Virginia May Reisinger, Mrs. Mary G	R.D. 5, Somerville, N. J.
Reisinger, Mrs. Mary G4	35 N. 32nd St., Paxtang, Pa.
Rittle, Esther S14	4 College Ave., Annville, Pa.
Scarcia, Americo	42 N 10th St Lebanon Pa
Scarcia, Americo Schaak, Carolyn M	9 Chestnut St., Lebanon, Pa.
Shaak, Anna Mae Kreider44 M	lountain Ave., Robesonia, Pa.
Shearer, Mrs. Frances Thomas	Sheridan Ave., Annville, Pa.
Sholley, Lanta Asa, Jr3	18 N. Fifth St., Lebanon, Pa.
Shouly, Lee W 561	F Manle St Annuille Pa
Sholly, Lee W.   Sholly, Lee W.   Sholly, Lee W.   Shover, Joanne Fox   Shiller, Carolyn K.   Smith, Robert F.   374   Smith, Robert L.   3   3   3   3   3   3   3   3   3	. Game Reserve, Hershey Pa.
Smith, Robert F	7 Derry St., Harrisburg, Pa.
Smith, Robert L3	7 W. Main St., Annville, Pa.
Stevens, Gleun R	Sheridan Ave., Annville, Pa.
Thorpe, Leah Katherine Wagner, Lorraine Walker, Janice E	Box 22, Perryopolis, Pa.
Wagner, Lorraine	Box 86, Richland, Pa.
Walker, Janice E425 S.	Chestnut St., Westfield, N. J.
Walter, Clyde Melvin	Main St. Stouchshurg, Pa.
Webber, Harold R. Wegemer, Norman John	04 E. Main St., Annville, Pa.
Wegemer, Norman Jonn         White, Harold Ray         Whitmau, Donald H.       .17         Whitmoyer, P. Sally Ann       2 E. C         Williams, Nancy Reed.       .5757 N.         Williams, Richard Edward       .5757 N.	R.D. 4, Lebanon, Pa.
Whitman, Donald H	Cumberland St., Lebanon, Pa.
Whitmoyer, P. Sally Ann	arpenter Ave., Myerstown, Pa.
Williams, Nancy Reed	5th St., Philadelphia 20, Pa.
Wilt, Walter Henry	Box 266, Annville, Pa.
Wuertz, John H	17 Church Rd., Ardmore, Pa.
Williams, Richard Edward 5/5/ N. Wilt, Walter Henry Wuertz, John H. Yingst, Ralph Earl Yorty, M. Robert 2. Zilka, William A.	R.D. 4, Lebanon, Pa.
Yorty, M. Robert2	R D 20 Lebanon Pa
Ziika, wiiiiam A	

#### Specials in Music

	-	
Name	Major	Home Address
Addison, Joan	Violin	
Allen, Ruth	Violin	Dept. Military Aff., R.D. 2. Annville, Pa.
Arnold, Jeffrey	Violin	10 E. Walnut St., Lebanon, Pa.
Bowman, James	Violin	
Bowman, John	Organ	
Brandt Doris	. Organ	346 N 4th St. Lehanon, Pa
Brown, Dale	Violin	
Dechert, Joan	Violin	S. S. 6th St., Lebanon, Pa.
Dissinger, Linda	Violin	
Early, Henry	Voice	
Fortna, Marian	Organ	
Gerberich, Lavern	Organ	
Gray, Penelope	Violin	48 N. Railroad St., Annville, Pa.
Grubb, Luke	··Organ	R.D. 21, Annville, Pa.
Hoaster, Donna	Violin	
Horst, Joan	Voice	541 E. Penn Ave., Cleona, Pa.
Houston, Janet	Violin	R.D. 2, Annville, Pa
Kadel, Karen	Violin	
King, Carol	V iolin	
Lau, Robert	Violin	
Lesher, Susan	Violin	
Miller, Barbara	Organ	
Moyer, Karl	Organ	R.D. 2, Hershey, Pa.
Myers, Joyce	···Voice · · · · ·	19 E. Roosevelt Ave., Middletown, Pa.
Patton, Cynthia Jane	· · Voice · · · · ·	State Hospital, Harrisburg, Pa.
Peiffer, Linda	Violin	907 Cornwall Ave., Lebanon, Pa.
Schell, David	Organ	119 N. Railroad St., Myerstown, Pa.
Schober, Ann	· · Violin · · · ·	
Springer, Mrs. Elnore S	Voice	
Stoessel, Kenneth	· · Voice · · · · ·	P. O. Box 135, Hershey, Pa.
Strausser, Faith	Violin	Box 18, Kleinfeltersville, Pa.
Suter, Sandra	Violin	
Thompson, Diann	Violin	
Tittle, Eileen	Organ	
Troutman, Mildred	Organ	
Weary, Eleanor	Organ	
Weaver, Susan	Violin	
Wolf, Linda	V oice	R.D. 1, Jonestown, Pa.
Yorty, John	Organ	R.D. 1, Grantville, Pa.

#### REGISTRATIONS

#### Second Semester, 1953-54

Second Statester, 1000 51
(Not included in Catalogue of 1954-1955)
COLLEGE:  Post-Graduates
Becker, James Leroy Education
Senior Cardone, GeorgeEducation216 Oak Hill Ave., Endicott, N.Y.
Juniors Guyer, George L. FHistory
Sophomores  Boush, Roy E. Sociology. 2118 Cleveland Ave., West Lawn, Pa. Eckenroth, Mary Music Ed. 139 Trinidad Ave., Hershey, Pa. Geesey, Eugene Economics. 247 E. Maple St., Dallastown, Pa. Meyers, Eleanor June Chemistry. 231 E. Areba St., Hershey, Pa. Thomas, Jack Herr Pol. Science 16 E. Sheridan Ave., Annville, Pa. Wolf, George H. Music Ed. 503 Beliview St., Altoona, Pa.

Freshmen
Allen, Jearald Douglas Religion. R.D. No. 1, Oldtown, Md. Barr, Russell W. Religion. 730 Washington St., Allentown, Pa. Blumenthal, Theodore L. Music Ed. 410 Terrace Ave., Hanover, Pa. Clough, Nancy Carol Music Ed. R.D. No. 1, Lykens, Pa. Glazer, Donald English. 1129 Whithy Ave., Yeadon, Pa. Kratzer, Donald Marvin Pre-Medical. c./o YMCA, Lebanon, Pa. Kratzer, Donald Marvin Pre-Medical. R.D. No. 3, Waynesboro, Pa. Launtz, Wilbur Franklin Religion. R.D. No. 3, Waynesboro, Pa. Launtz, Wilbur Franklin Religion. R.D. No. 3, Waynesboro, Pa. Lentz, Dorothy Ruth. Elem. Education 1972 W. 73rd Ave., Philadelphia 38, Pa. Miller, Robert Gordon Chemistry. 331 S. Lincoln St., Palmyra, Pa. Nowotarski, Frederick J. Music Ed. 834 Bingaman, Reading, Pa. Schwartz, William Arthur Pol. Science. 2512 Elm St., Penbrook, Pa. Spearing, Jack Elmer Music Ed. 213 Eighth St., Lewistown, Pa. Spencer, Rita Jo. Physical Ed. 1117 Poplar St., Lebanon, Pa. Stephens, Charles Durwood Pre-Engineer. 937 Chestunt St., Lebanon, Pa. Towers, Robert George Pre-Engineer. Terrace Gardens, Arnold, Md. Weibe, Thomas Wilson, Jr. English. 533 Chapel St., Lebanon, Pa.
Specials in Music (Part-time)
Specials in Music (Part-time)  Bomberger, Alice Hist, Music R.D. No. 1, Annville, Pa. Burkhart, Donald Piano 102 Hillerest Road, Camp Hill, Pa. Chapman, Michael Clarinet 320 E. Penn Avenue, Cleona, Pa. Daniel, Alice Hist, Music 12 W. Third St., Florence, N. J. Dannettell, Carol Hist, Music R.D. No. 3, Elizabethtown, Pa. Edris, Sylvia Hist, Music 627 Quentin Road, Lebanon, Pa. Finkelstein, Herbert Hist, Music 2277 East Cambria St., Philadelphia, Pa. Gingrich, Mrs. Mary Piano Gordon, Patricia Hist, Music 221 N. 21st St., Camp Hill, Pa. Hess, Howard Piano 228 N. Lincoln St., Palmyra, Pa. Hollingsworth, Suzanne Piano 36 N. College St., Palmyra, Pa. Hollingsworth, Suzanne Piano 36 N. College St., Palmyra, Pa. Kindt, Hazel Hist, Music 1242 Allen St., Allentown, Pa. Kindt, Hazel Hist, Music 1242 Allen St., Allentown, Pa. King, Carol Violin Colebrook Road, Lebanon, Pa. Kreider, Thomas Baritone Washington St., Cleona, Pa. Lentz, Dorothy Harmony, Voice Piano 1972 W. 73rd Ave., Phila, Pa. Meyers, Eleanor Dictation, Piano 231 E. Areba St., Hershey, Pa. Patton, Marian Hist, Music 718 S. Lime St., Lancaster, Pa. Ranck, Barbara Hist, Music 718 S. Lime St., Lancaster, Pa. Ranck, Barbara Hist, Music 25 E. Main St., Mount Joy, Pa. Sandy, Harold Chorus 804 44, Grantville, Pa. Rank, Grace Flute 649 N. Sth. St., Lebanon, Pa. Schober, Ann Piano Violin 40 E. Cherry St., Palmyra, Pa. Sholley, Lanta Asa, Jr. Cello 318 N. Fifth St., Lebanon, Pa. Shroyer, Lois Voice 83 E. Sheridan Ave., Annville, Pa. Springer, Mrs. Lenore Voice 23 Penn St., Palmyra, Pa. Swanger, Harry Bassoon 827 Church St., Lebanon, Pa.
Patton, Marian Hist, Music. 718 S. Lime St., Lancaster, Pa. Ranck, Barbara Hist Music. 25 E. Main St., Mount Joy, Pa. Sandy, Harold Chorus. Box 44, Grantville, Pa. Rank, Grace Flute 649 N. 5th St., Lebanon, Pa. Schober, Ann Piano Violin 40 E. Cherry St., Palmyra, Pa. Sholley, Lanta Asa, Jr. Cello 318 N. Fifth St., Lebanon, Pa. Shroyer, Lois Voice 33 E. Sheridan Ave., Annville, Pa. Slaybaugh, Gloria Piano R.D. No. 2, Annville, Pa. Springer, Mrs. Lenore Voice. 23 Penn St., Palmyra, Pa. Swanger, Harry Bassoon 827 Church St., Lebanon, Pa. Yorty, Judith Piano R.D. No. 1, Lebanon, Pa.
La Roche Ave., Harrington Park, N. J. Armpriester, Barbara J. Berbec Ave., R. D. 21, Lebanon, Pa. Barron, Glenn H. Penna. State Police, Hershey, Pa. Bowman, Elizabeth L. 312 S. 4th St., Lebanon, Pa. Brechbill, Mrs. Lois 104 Center Ave., Cleona, Pa. Brubaker, Doris E. McAlisterville, Pa. Brubaker, Sarah Anna McAlisterville, Pa. Brubaker, Sarah Anna McAlisterville, Pa. Brubaker, Sarah Anna McAlisterville, Pa. Brubaker, Mrs. Arlene K. 336 S. 8th St., Lebanon, Pa. Doll, Mrs. Frances 132 S. 4th St., Lebanon, Pa. Dick, John N., Jr. 226 N. 2nd St., Harrisburg, Pa. Dick, John N., Jr. 126 N. 2nd St., Harrisburg, Pa. Goodman, Mrs. Stuart 129 E. Locust St., Annville, Pa. Goodman, Mrs. Stuart 129 S. 10th St., Lebanon, Pa. Hassler, Marion L. 1126 Brandywine St., Lebanon, Pa. Heckard, Kathryn A. R.D. No. 1, Lebanon, Pa. Heskard, Kathryn A. R.D. No. 1, Lebanon, Pa. Holligan, Paul E. 10 Durand Pl., Rochelle Park, N. J. Johnson, Harry R. 632 E. Lehman St., Lebanon, Pa. Longenecker, Elmer R. D. St. Cornwall Ave., Lebanon, Pa. Mengle, Grayce E. 17 S. Third Ave., Lebanon, Pa. Neil, Charles R. Cornwall, Pa.

Noll, Kathryn M.         314 Sand Hill Road, Lebanon, Peiffer, Marlin E.         303 Sand Hill Road, Lebanon, Pentz, George J.         20 E. Summit St., Annville, Rhoads, Charles         256 King St., Pottstown, Schade, Marion L.         250 S. 9th St., Lebanon, Pothober, Alice L.         40 E. Cherry St., Palmyra, Schober, Joseph W.         40 E. Cherry St., Palmyra, Steffy, Leroy F.         1638 King St., Avon, Wenger, Ferne         1114 E. Main St., Annville, Zilka, William A.         R.D. 20, Lebanon,	Pa. Pa. Pa. Pa. Pa. Pa. Pa.
Extension Courses           Armpriester, Barbara         Berbec Ave., R.D. 21, Lebanon, Baker, Lee K.         2028 Berryhill St., Harrisburg, Bangert, Mrs. Lydia J.         3942 N. Sixth St., Harrisburg, Beck, Clara L.         523 N. Spring St., Middletown, Bassert, Virginia, R.N.         2636A Green St., Harrisburg, Calboun, Rosalind M.         20 N. Rosanna St., Hummelstown, Care, Elsie G.         Apt. 1001, 2311 N. Front St., Harrisburg, Cathoun, Rosalind M.         20 N. Rosanna St., Hummelstown, Care, Elsie G.         Apt. 1001, 2311 N. Front St., Steelton, Dick, John N., Jr.         226 N. 2nd St., Harrisburg, Grater, Anna L.         217 N. Front St., Steelton, Dick, John N., Jr.         226 N. 2nd St., Harrisburg, Grady, Mrs. Florence         99 N. 49 St., Harrisburg, Grady, Mrs. Florence         72 Westerly Road, Camp Hill, Grimm, Mrs. Pauline         529 Market St., Halifax, Gullotto, Edna B.         2702 N. 6th St., Harrisburg, Hali, Lida Kidwell         99 E. Lane St., Pine Ford Acres, Middletown, Heisler, Anna T.         Loyalton, Herzisburg, Middletown, Heisler, Anna T.         Loyalton, Herzisburg, Long, Virginia Lee         1816 Chestnut St., Harrisburg, Krieg, Clara G.         211 N. Front St., Harrisburg, Krieg, Clara G.         211 N. Front St., Harrisburg, Krontz, Geraldine V. M.         340 S. 13th St., Harrisburg, McAdams, Mrs. Frances         332 Brook St., Harrisburg, McAdams, Mrs. Frances         352 Regina St., Harrisburg, McAdams, Mrs. Frances <td>Pa. PPa. PPa. PPa. PPa. PPa. PPa. PPa.</td>	Pa. PPa. PPa. PPa. PPa. PPa. PPa. PPa.
SUMMARY OF COLLEGE YEAR, 1953-1954	

Men	Women	Total
College		
Post-Graduate	3 19	6 78
Juniors	17 22	69 85
Freshmen102	24	126
279	85	364
Conservatory of Music		
Seniors	17	30
Juniors	14	28
Sophomores 14	25	39
Freshmen 22	33	55
Total	89	152
Specials in Music—part-time	101	149
Evening Classes 58	41	99
Extension Courses	66	92
Total in all Departments	382	856
Names repeated	23	44
Net Enrollment	359	812

Summer Session, 1953 College and Conservatory 88 Specials in Music 22	38 19	126 41
110	57	167
Total including Summer Session	416 58	9 <b>7</b> 9 83
Net enrollment including Summer Session538	358	896

#### SUMMARY OF COLLEGE YEAR, 1954-1955

#### First Semester

College	Men	Women	Total
Post-Graduates Seniors Juniors Sophomores Freshmen Specials	. 48 . 45 . 69 .127	2 19 16 24 29 2	4 67 61 93 156 6
Conservatory of Music	295	92	387
Seniors Juniors Sophomores Freshmen Specials	. 13	14 23 23 35 1	25 36 38 61 1
Total	65 .360	96 188	161 548
Specials in Music—part-time Evening Classes Extension Courses	. 38	67 33 29	92 71 57
Total in all Departments		317 11	768 22
Net Enrollment	.440	306	746
Summer Session, 1954 College and Conservatory Specials in Music	. 63	38 28	101
	76	66	142

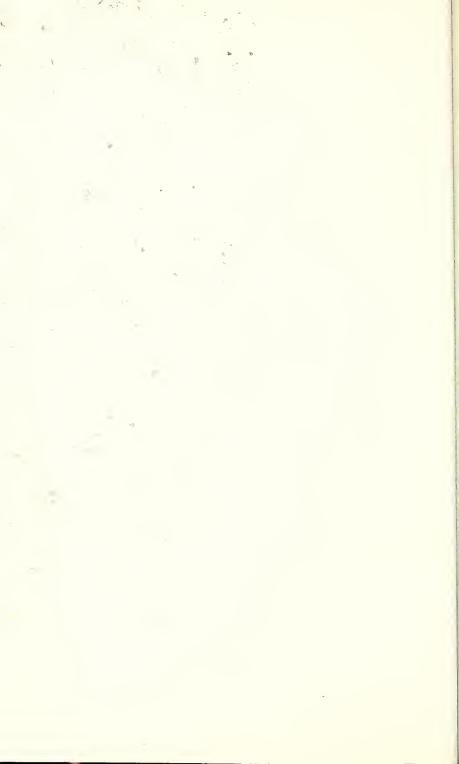
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#### LEBANON VALLEY COLLEGE CAMPUS Annville, Pa.

#### KEY TO NUMBERS

1. Administration Building

WHITE OAK STREET -NORTH-PENNA. HIGHWAY 934

- 2 Engle Hall
- 3. North Hall
- 4. Men's Dormitory
- 5. Carnegie Library6. Lynch Memorial Physical
- Education Building
- 7. West Hall

- 8. Conservatory Annex
- 9. Sheridan Hall
- 10. Woshington Hall
- 11. Infirmary

- 12. College Church 13. South Hall
- 15. Central Heating Plant
- 14. Vickroy Hall

B

MAIN STREET -EAST-US HIGH WAY 422